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CHILE OF TO-DAY

ITS COMMERCE, ITS PRODUCTION AND ITS RESOURCES

National Yearly Publication of Reference
(1907–1908)

BY

ADOLFO ORTÚZAR

CONSUL GENERAL OF CHILE IN THE UNITED STATES

THIS PUBLICATION BRINGS EVERY YEAR DETAILED INFORMATION ABOUT THE COMMERCE OF CHILE WITH ALL THE COUNTRIES IN THE WORLD, AND ESPECIALLY WITH THE UNITED STATES, GREAT BRITAIN, GERMANY, FRANCE, BELGIUM, SPAIN, ITALY, SOUTH AND CENTRAL AMERICA, ETC.

SUBVENTIONED BY THE CHILEAN GOVERNMENT.

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BY
ADOLFO CRTÚZAR

CHILE OF TO-DAY.

The present work is destined to serve annually the reciprocal trade between Chile and foreign countries, particularly the United States, and will be preceded also annually by a work in Spanish entitled

"Estados-Unidos, su Comercio y Produccion"

(The United States, Their Commerce and Production),

destined for circulation in Chile and Spanish speaking countries, in order to facilitate the export and import trades between the United States, Chile and other Spanish speaking countries, and it will embrace the following subjects:

PART I.

The First Part will be a study of the principal industries and resources of the United States, as well as their production and export trade.

PART II.

The Second Part will be a verified and careful study of the articles which are being exported or could be exported from the United States to Chile and other countries.

PART III.

The Third Part will contain information concerning articles which could be sold in the United States, with reference as to prices, import duties, etc.

PART IV.

The Fourth Part will be a reference of American financiers, bankers, business houses, manufacturers and producers interested in all lines of business.

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PREFACE

Situated at the extremity of South America, between the Andes and the Pacific Ocean, amid valleys and fertile plains, Chile, thanks to the fairness of her climate, to the productive character of her soil, to the stability of her institutions, and to the perseverance of her people, holds a pre-eminent place among the world's peoples.

Her exports to-day are more than $289,500,000 and her imports more than $236,000,000—considerable sums for a country with only 4,000,000 inhabitants, but not a sufficient sum for her territory of more than 190,000,000 acres.

In Chile mining and agriculture are the chief sources of production, and manufacturing industries are developing slowly. She has, however, enormous quantities of the four elements indispensable to the making of a brilliant future—coal, waterpower, iron and copper —which to-day contribute more than anything else to a country's riches and stability.

The deposits of copper, coal and iron, as well as those of all the known metals, are abundant in Chile, and it may be said that because of her waterfalls there is hardly a nook in the mountains where water could not be employed as motive power.

In this hemisphere we consider the elements mentioned as par-

ticularly advantageous for Chile. The object of this publication is to make known to the United States the position of Chile in the commercial world, as well as its productiveness and its present resources. To that end we have divided the volume into four different parts.

The first part is a general study of Chile's commercial, administrative and economic condition, to show the dominating features of her physiognomy. In the second part we deal with the present state of agriculture and mining, in which we give particulars as to the unlimited natural resources of the country.

The third part comprises statistics of Chile's consumption, in which we classify carefully all that she imports, giving the provenance of her purchases and the part played by each country in these sales.

For merchants and manufacturers in general it should be of great interest as a source of information as to the business done by their competitors in foreign countries, because through such information they study the market for their own affairs.

In the last part of the book is a directory in which are the addresses of a large number of merchants established in Chile, agriculturists, manufacturers, buyers and sellers of foreign and domestic goods, so that American merchants may address themselves to them.

In a word, we publish this work to assist the trade between Chile and the United States. Commerce is the base of international relations; furthering intercourse is increasing sympathies.

There exists a daily increasing interest in the countries of North and South America to further the relations which unite them, and one of the principal reasons is that Chile, like all the countries of the Southern American continent, is an exporter of products necessary for industrial purposes and an importer of manufactured goods, while the United States is importer of raw materials and exporter of manufactured articles. In a word, the two markets complete each other.

There are at present more opportunities than ever for the investment of foreign capital in Chile.

As may be seen in this book, mining and agricultural riches exist in Chile over and above to such an extent that the country could become one of the greatest producers of the world if it were not for the lack of means to increase its exploitation. The country needs more capital, more labor, more railways, more laborers, more roads, more mills and more means of transportation in order to obtain the prominent place among other nations to which its race and soil entitle it.

After the earthquake of August 16, 1906, which destroyed part of the central portion of the country, a new impulse of expansion ran through Chile, and from north to south of the territory new enterprises were undertaken, and a great number of these enterprises need more requirements. For this reason we should like to contribute ideas as to the employment of foreign capital in Chile. In this quiet, stable,

laborious, tenacious country, endowed with solid institutions and laws, valuable relations may be established.

If the climate, the soil and the formation of a territory have any influence upon the individual inhabitant, one may be certain that the isolation maintained by Chile, due to its geographical situation, has determined in the Chilean race a most accentuated feeling as to its own personality, this personal feeling becoming more pronounced in Chilean mountains and the solitude of its plains.

If, in spite of shortcomings and defects, we are able by means of this publication to contribute somewhat towards creating new commercial relations between Chile and the United States, it will have fulfilled all our purpose and all our desires.

As a complement to this publication, "Chile of To-day," we are preparing a volume in Spanish about the United States and its commerce destined for the Chilean and South American commerce, with the object to show these countries the immense production and the unlimited market of the United States, in order that Chilean and other South American merchants may increase their relations with this great republic.

* * *

ARTILLERY SCHOOL AT SANTIAGO.

PART I.

ORIGIN OF THE CHILEAN NATION.

ETHNOGRAPHIC CONDITIONS OF THE RACE. PRINCIPAL POINTS IN ITS HISTORY.

The population of Chile is made up of the descendants of the Spaniards who subdued the country and governed it up to 1810. They therefore belong to the white or Caucasian race.

Hence it can be asid, leaving out of account the indigenous race, remnants of which still exist scattered in remote parts of the mountains, but which is daily becoming less numerous, that Chile is peopled by a single race, in which the Spanish element predominates, and which speaks one langauge, has only one religion, the same interests and identical aspirations. In this very fact lies the force of the nation; that it is made up of a homogeneous race of vigorous and industrious men.

The black or negro race has never existed in Chile.

The history of the country is brief; it is a short but strenuous chapter of a work accomplished, a record of effort and perseverance.

Chile was conquered by the Spaniards in 1540, and for three centuries remained a poor and obscure colony, little known and laboriously developing itself.

The occupants of the territory at the moment of its discovery were Araucanians, a tribe of savages, nomadic, without laws, without religious belief, who wandered from valley to valley. They differed wholly from all the other tribes which peopled America; they had no other feeling than that of liberty, no other quality than that of courage, but these two thoughts were so enrooted in the depths of their nature that to see themselves vanquished or in captivity was for these men of war more intolerable than death

42285

itself. There existed among them a sort of nobility, founded on courage; the most valiant in combat was proclaimed chief; the honors were dealt out on the basis of this qualification. The Araucanians exalted their warlike exploits by means of song, and in battle, when they advanced to the charge, they intoned their war hymns. Their war cries, according to the Spanish historians of that time, smote the boldest hearts with terror. The Spanish never succeeded in bringing under their control the territory occupied by the Araucanians, and in warfare with them lost more men and expended more time and money than in the subjugation of all the remaining part of the American continent.

In this cruel war almost the entire resources of the colony were exhausted, and this was the cause of the great delay which the country suffered during a long period of years in improvements of all kinds.

This also explains how the Spanish race in Chile has been able to maintain itself without admixture down to our time. The soldiers who composed the army of the conquerors in Chile were almost exclusively hardy, adventurous men, who prized military glory beyond pecuniary gain. In almost all other countries, the victors, after an easy triumph, found gold in abundance; but in Chile the conquerors, for their own preservation, were obliged to remain constantly under arms. Thus from a remote period the Chilean race grew up, resolute of soul, solitary and far from the world, without need or wish for relations with the outside world and condemned by its geographical position and its life of combat to feed itself on its own resources.

For nearly 400 years a stubborn strife, without hope and without result, was maintained, on the one side for independence, on the other for supremacy, and was brought to a close about twenty years ago by the pacification of the Araucanians, or, rather, by the almost complete extinction of the indigenous race.

We dwell upon the difficulties which the country encountered in its development in order the better to show the ethnographic elements which contributed to the formation of the race.

Perseverance and labor brought prosperity to the country. The struggle for the possession of power which has characterized the history of other nations could not take root in Chile, especially in the early days, when the fiscal resources were unimportant, and when only a rigid economy in public affairs could make the ends meet. Later, when, thanks to the resolute toil, years of abundance for Chile finally came, the country was established and a tradition of rigid economy and honesty was the normal base for the administration of public affairs.

There are statements of a derogatory nature, and which, if made about another country, appear, to say the least, extraordinary; but if one speaks about a nation which is not acquainted with the history of the other it is necessary to acquaint them, and more so, if speaking in the United States about South American countries. The following are these statements:

I. Chile is not a revolutionary country; from 1830 down to to-day, a period of seventy-seven years, there have been only two revolutions—one in 1851 and another in 1890. Almost all the nations of the earth have surpassed Chile in the number of their revolutionary movements.

II. All the administrations in Chile have been honest. Never has a President of the Republic or a Minister of State been accused of conversion of the public funds. On the contrary, it often happens that presidents retire from power in poverty by reason of having neglected their private affairs during their administration of the government. During the civil war of 1890 the administration devoted itself heartily to the task of military mobilization; the party which supported President Balmaceda was defeated, and when the victors took possession of the capital and of the government there was not found in the archives of the government a single account, a single payment, which was not audited, nor one which could have been made, in the slightest degree, a reproach to the fallen government. Furthermore, there was not a single high functionary who profited by the disorder to make his fortune.

III. The interest on foreign loans and obligations of the State have always been promptly met. It has been with Chile a matter of pride never

to default on contracts of any kind, not even in moments of financial difficulty. This is daily a matter of more importance among nations, especially now that it appears to be an established point that the collection of debt may enter into the category of diplomatic questions.

The history of nations resembles that of individuals; when the heir to a great fortune finds himself free in his actions at an early age his first steps are generally marked by sad mistakes; but when, on the other hand, the years of youth have been spent in toil and economy, the advent of fortune is not accompanied by that demoralization which characterizes its arrival in the other instance.

In 1810, by reason of Napoleon's invasion of Spain and the captivity of Ferdinand VII., a movement began in Chile which was in the nature of a protest against the captivity and at the same time a manifestation in favor of the King; then in a few days the movement took the form of an ardent desire for independence, for a freer life, a more liberal government than that which had hitherto been maintained. The sons of Spaniards who were born in the country considered themselves Chileans, and by reason of the lack of communication with the metropolis and because of its bad administration of the government, Spain was considered rather as an oppressor than as the mother country. Furthermore, the new ideas which came from France and from America through the medium of the few books which escaped the vigilance of the Spanish custom house officers caused the ideas of liberty proclaimed by the French revolution to germinate in the hearts of some of the inhabitants. Thus the idea of independence was born. The war for the conquest of liberty lasted until 1818.

During that time Spain opposed the Chileans with all her forces, until her armies were crushed on the fields of Chacabuco and Maipo. In 1818 the country was free, and from that day the government has devoted itself to repairing the damages of the past and to building up a nation.

In the period subsequent to the year of independence there were some changes of administration, especially from 1823 to 1830, during which time

the country was called upon to face all the difficulties inherent in a change of form of government. But when everything foreboded an era of difficulties for the country there appeared upon the scene a man to whom Chile owes a great part of its organization and of the prosperity which it has enjoyed to the present time. This man was Don Diego Portales.

PORTALES.

The life of this man is inseparably bound up in the history of Chile; his ideas, his ordinances are still, after seventy years, the foundation on which the nation rests. He did not accept the position of President of the Republic. As Minister of State, for six years, with untiring diligence, incessant labor and good judgment, he directed internal affairs and foreign relations. He knew everything which took place in the country; he did everything personally; clear sighted, acute in his perception, he was, in spite of his fiery nature, very cool in reaching his decisions. Portales had the deep insight of the politician, the wisdom of the statesman, the coolness of the philosopher, the activity of the man of genius. Enterprising by nature, he was a great hearted patriot, who thought only of the lifting up of his country. He set the national finances in order at a time when he could with impunity have increased the disorder. He strengthened the principle of authority as the necessary basis of all serious government and of every durable constitution. He is accused by his adversaries of having managed affairs despotically, of having feared a divided authority, of having imposed his will with inordinate zeal; but men like Portales can never be judged by ordinary standards. What do exaggerations of characters which sometimes lead men to commit errors weigh in the judgment of a life, if there can be put against them in the scale great qualities of soul, of heart and of intelligence? Portales was virtuous even in his lapses. In the history of Chile Portales has assumed the proportions of a giant. From that administration dates the great respect with which all Chileans are inspired for their form of government, for the laws and political and civil rights by which they are governed; in a word,

for their constitution, which is for them the law of laws. Respect for authority has since that time been so deeply rooted in Chile that the force of that controlling will power is still felt to-day.

PRESIDENT PRIETO.

Don Joaquin Prieto ruled from 1831 to 1841; it was during his administration that Portales came into the government as minister.

PRESIDENT BULNES.

Don Manuel Bulnes succeeded to power, and ruled from 1841 to 1851. During his administration important public works were undertaken; ports were opened to facilitate international commerce and navigation; roads were built and canals dug for irrigation. Railway construction was begun; the line from Caldera to Copiapo was built; this was the first railway built in South America. The line from Santiago to Valparaiso was begun. An era of peace and prosperity overspread the country in those years; a beginning was made in free public instruction; the revenue became more regular, and commerce and the national production developed greatly.

PRESIDENT MONTT.

Don Manuel Montt next succeeded to power, and governed from 1851 to 1861.

President Montt had been at the head of the Council of Ministers during the preceding administration; he was an exacting executive of the stamp of Portales, and during the ten years of his administration he gave himself up energetically to developing the resources of the country; commerce, agriculture and mining prospered under the protection of a rule of order and industry. The telegraph lines, which extend over the country, were then first established; statistics of commerce were gathered; banks of emission were founded, and also a mortgage loan company, which has since devoted itself to furnishing farmers long term loans at low rates of interest. The development of public instruction and of all the functions of the state was pushed forward. He was the father of the actual President S. Pedro Montt.

PRESIDENT OF CHILE REVIEWING TROOPS.

PRESIDENT PEREZ.

Don José Joaquin Perez succeeded, and governed from 1861 to 1871. In 1866 Chile was drawn into a war with Spain. The latter, which had never officially recognized the independence of Peru, occupied the Chincha Island, under a claim of lawful ownership. Peru derived a great part of her wealth from working the deposits of guano. Chile considered an injury to Peru as one personal to herself, and declared war against Spain. The result was disastrous to Spain, which left several ships in the hands of the Chileans and found herself forced to withdraw her squadron. Chile, in her turn, met with considerable losses. Valparaiso, at that time a defenceless port, was bombarded by the Spanish squadron, and the losses caused by this bombardment and fire were almost as considerable as those suffered from the earthquake in August, last year; but from this moment on it was established that this part of the continent was no field for conquest. With the exception of this rupture, the administration of Perez was as peaceful and beneficial to Chile as the preceding ones.

PRESIDENT ERRAZURIZ.

The next President was Don Federico Errazuriz Zanartu, 1871 to 1876; his administration was characterized throughout by prosperity. The fiscal revenues were used in the construction of public works, railways, irrigating canals, public buildings, hospitals, schools, etc. The national squadron was considerably increased during the years of administration of this far-sighted executive.

PRESIDENT PINTO.

Don Anibal Pinto succeeded him (1876 to 1881). Under his administration Chile had to face a two years' war against Peru and Bolivia, allied together; this resulted in the victory of Chile.

Peace was established between the belligerents at Lima in 1884. Tribunals were established at Santiago at that time, which settled, one after another, all the claims of neutrals for damages incurred during the war.

PRESIDENT SANTA MARIA.

Don Domingo Santa Maria succeeded to power from 1881 to 1886, and during the years of his administration the country was very prosperous.

PRESIDENT BALMACEDA.

After him came Don José Manuel Balmaceda (1886 to 1891). At no former epoch had the country been in a situation so prosperous; the revenue receipts increased from day to day, and with these the administration undertook great public works and numerous fiscal constructions, schools, hospitals, railways, bridges, roads, etc.

Unfortunately, serious differences of opinion divided the country into two opposing parties, of which one, supporting the President, wished to strengthen his authority, while the other favored the adoption of parliamentary rule. In consequence of this a civil war broke out in 1891, and for ten months ravaged the country, with all its horrors. The result was decided by two large armies drawn up in battle. The army of the administration was defeated and parliamentary government was established throughout the country, which system is in force to-day. Since that time the ministers have been absolutely subject to the Congress, as opposed to the system of government in some other countries, where the Ministers of State are secretaries of the President.

PRESIDENTS JORJE MONTT AND FEDERICO ERRAZURIZ.

The succeeding administrations of Don Jorje Montt (1891 to 1896) and Don Federico Errazuriz Echaurren (1896 to 1901) applied themselves with great vigor to repairing the disastrous results of the civil war.

Each in its respective turn labored unceasingly for the national welfare. During these two periods grave difficulties arose between Chile and the Argentine Republic, which extended even to the point of provoking war between the two countries. Chile prepared herself by adopting compulsory military service, increased her navy considerably and fortified her principal

seaports. President Errazuriz did not complete his term; he died in the last year of his administration, leaving the government in the hands of the Vice-President of the Republic, Don Anibal Zanartu, who continued to govern until Don German Riesco was named as his successor.

PRESIDENT RIESCO.

Mr. Riesco from the moment of his installation as Executive applied himself with patriotic ardor to adjusting definitively questions pending with the Argentine Republic, questions which might at any time result in open war. Calmly, but with tact and firmness, he arrived at a satisfactory solution of the problems; his persevering personal efforts in the matter are attested by abundant proofs. The matter was finally closed by an agreement to arbitrate before the King of England, the differences being thus finally settled in a manner satisfactory even to the most exigent. A President who knows how, consistently with the dignity of his country, to avoid the dire consequences of war, deserves the gratitude of his fellow citizens.

Since the finding of the arbitrator has been made known the state of feeling between the two countries has greatly improved. In Chile since that time national products have greatly increased, commerce has grown from year to year, and foreign capital, which had been withdrawn by reason of the situation, has been flowing in in search of advantageous openings.

PRESIDENT MONTT.

On the 18th of September, 1906, the transmission of supreme power took place at Santiago.

Mr. German Riesco completed his Presidential term, and was succeeded for five years by Mr. Pedro Montt. President Montt was elected by an enormous majority; he was supported by a really national party. He broke the lines of the ancient historical parties to form with these a firm government body, from which the present administration derives its much valued strength. It can be truly said that the motto of this administration is "Work," and its ideal the prosperity of the nation.

I do not mean to say by this that former administrations have not had similar tendencies as the present one, but the necessity has never been so unanimously and imperatively felt of consecrating all the country's energy toward the economic problems, and to augment by them the national production and commerce, to facilitate public instruction, to increase the means of transportation, and in such way advance the welfare of all classes in the country.

The school and the railways have been the chief preoccupation of the present President during his long public career. For thirty years Mr. Montt has been one of the most prominent men in Chile. First in the Chamber of Deputies, then in the Senate, in the Council of State, at different times Secretary of State during the last five administrations, he distinguished himself always by his spirit of justice, his austerity and activity. To-day, raised by a wave of popularity to the Presidency of the Republic, he can realize a vast programme of work during his government—a programme which, however extensive and fraught with difficulties, will be successfully carried out by the President, who is endowed with two great qualities—method and perseverance.

Five years ago he was defeated as a candidate for the Presidency, and the day after the election he went to the Senate and continued his daily occupation as if the defeat had not been more than a trivial occurrence in his life. During all his public career he has taken an active and incessant part in all the affairs of the government and in every question that has agitated the opinions of the country.

The son of Mr. Manuel Montt, one of the most illustrious Presidents of the Chilean Republic, 1851 to 1861, the President Montt of our days, found in his father and in his home a school of austerity, work and method—a worthy disciple of which he is to-day. The present administration was initiated under the brightest auspices on account of the country's profound trust in the President as a statesman, as well as a public minister.

LEGISLATION—CODES—LITERATURE—JOURNALISM—PEDAGOGY—FINE ARTS—PUBLIC INSTRUCTION, ETC.

LEGISLATION.

The sovereignty of the Republic of Chile resides in the people, who, assembled at popular elections, delegate their authority, which is divided into executive, legislative and judiciary. The executive head is the President of the Republic, who holds office for a term of five years without being eligible for a second term. He is selected by an assemblage of electors, who in their turn are chosen for this exclusive purpose by the people in the respective departments of the country.

The choice is thus made by indirect vote. The President, by virtue of his office, possesses all the powers conferred upon him by the constitution. His person is inviolable during his term of office; he has the right to intervene in the making of laws; he is charged with their promulgation and execution; he is commander in chief of the army and navy and directs the foreign relations of the country.

For the better administration of affairs the government is divided into departments, each of which is controlled by a special minister; these ministers work with and are directed by the President, who appoints them and can remove them at will. They are responsible to the National Congress, whose support and confidence they consequently require. The civil administration of the country is carried on by means of an intendente in each province and a governador in each department; these are the confidential agents of the President. Any citizen may proceed in a court of justice against these officers for any malfaisance or neglect of duty, but only upon previous authorization by the Council of State, this proviso having for its object the prevention of unjust accusations.

The Council of State is a body appointed to advise the President; it approves laws and, moreover, possesses peculiar powers of jurisdiction in divers matters of competency and indirect intervention in nominations for the judiciary, in the contract of judicial persons, in pardons, and in other matters, among them that of a prerogative over the ecclesiastical relations. The legislative power is vested in the National Congress, which is made up of two bodies, a Senate and a House of Representatives. Both are elected directly by the people on the basis of the population; the members of the former are elected by the provinces and of the latter by the departments into which the provinces are sub-divided. All Deputies are elected for a full term of three years; the Senators are elected for six, but one-half are elected at each triennial period and concurrently with the election of the Deputies.

The Senate and House of Representatives can not only pass laws originating with them or with the executive, but also authorize the collection of exigible contributions, approve the budget and the disposal of public moneys, censure the acts of the executive, whose ministers are responsible to them, and who, to deserve their confidence, permit the Congress to impress political instructions upon them.

For the purpose of giving a separate existence and guaranteeing the independence of the different branches of the government, the law of October 15th, 1875, regulates the organization and the privileges of the judiciary, who are independent and by guaranty of the law irremovable by the decisions of the other branches and amenable to justice only before the higher tribunals. In each district and sub-division of the provinces there are special judges, who take cognizance in a brief and summary manner of the smallest litigations. Cases of appeal from the district judges are heard by those of the province, and appeals from these latter come before department judges or others specially appointed for hearing appeals.

There are ordinary judges in each department of the Republic who take cognizance of and pronounce justice upon all matters civil and

criminal within their respective competency. Appeal can be taken from their decrees before the Courts of Appeal, whose jurisdiction is made up of several departments. There is a supreme tribunal, called the Court of Cassation, which has jurisdiction in certain special matters and also a general power of judicial revision and correction. For the protection of persons whose rights, by reason of their weakness, are guaranteed to them by society, such as minors, demented persons and those restrained as squanderers of their property, there are public counsel, who appear in the actions, and for the protection of the interests of society and of public morality there are functionaries of the Public Minister, called fiscal promoters, who appear in cases before the fiscal and departmental judges of the Court of Appeals and the Court of Cassation. To the aforesaid functionaries it belongs to bring action in cases which concern public interest or social morality, to defend them when they are attacked or in peril, and finally, in some cases, to give their opinions voluntarily and in others upon demand on the part of the respective courts and tribunals, which are always free to adopt them.

To aid in furthering the ends of justice there are lawyers to defend the rights of the parties; clerks whose duty it is to inform the courts of the substantial features of the pleadings and the proofs upon which they rest; secretaries of courts and tribunals authorized by law to attest sentences, forward petitions, summonses and act as custodians of writs; public notaries legally authorized to enroll in their registers acts and contracts of private individuals, take part in inventories under will, and do other acts within their province; proctors to look after the interest of parties; receivers to notify parties in interest of petitions and decrees of judgment when granted; keepers of registers and writs copies of which may be required. There is also a law governing procedure which regulates suits and rights in a reasonable manner.

The judicial power is self-perpetuating, but, although it is incumbent upon it to submit annually a list of persons whom it deems suitable to fill

the judicial office, from this list of each vacancy the Council of State selects three names, and out of these the President of the Republic chooses one to be judge. For the enforcement of decrees pronounced by the tribunals of justice these latter have the right and the power to call in the military and to invoke the aid of all citizens through the proper authorities, which latter are compelled to give their support. Local interests are managed with absolute independence by the respective communities into which the departments are divided. The communities are autonomous and governed by councillors elected by the direct vote of the people, to whose approval they must submit the rate of taxation which they expect to fix.

The municipal authorities thus chosen assemble and elect a mayor, who discharges the functions laid down by law for the administration of the affairs of the community, presides over the municipal sessions, executes their decrees and has need, for the proper discharge of his functions, of the support of the majority. These official positions, including that of mayor, are, in spite of their laborious character, filled gratuitously.

The electoral power is perpetuated and exercised by the people. All male citizens who are eligible to vote (which means all above twenty-one years of age who can read and write) are enrolled on voting lists in each section of the community into which the departments of the Republic are divided. This register declares the family name, Christian name, age, position, profession or business and domicile.

The electoral law arranges the most minute details so as to assure absolute freedom of suffrage, privacy and exemption from all signs or marks which might aid bribery. t also provides for counting the votes and the inspection of them by citizens and delegates of the parties in interest, and finally provides a prompt and efficacious method of repressing before a court of justice any attempt at irregularity or criminal action.

SPANISH LEGISLATION.

From the conquest of America, in the middle of the sixteenth century, to the year of Chilean independence (1810) the legislation of the mother

NATIONAL MUSEUM.

country, based on Roman law, which was established there when Spain was a Roman province, has prevailed throughout the greater part of the Spanish possessions in America. The basis of Spanish legislation being solid, it continued, modified in some of its judicial aspects, until Don Alfonzo, surnamed the Wise, compiled some studies of the law of his time in Las Siete Partidas, with which his successors embodied divers provisions, such as the enactments of Bilboa, La Novissima, Recopilacion and Las Leyes de Indias.

Little by little Chile has abandoned the ancient Spanish legislation as being no longer in accordance with her actual needs, modified as these have been by lapse of time, by modern social evolution and by the enjoyment of liberty and independence. The Civil Code of Chile, in force since the last half of the last century, scarcely differs in its method and textual arrangement from the French code. The Chilean code, like that of France, groups its subjects in logical order into chapters, which are divided into books according to their contents. Moreover, from the first chapter, which treats of law, its promulgation and its effects, both, in their respective books, treat of persons, property, successions and donations, obligations, sources of generation and the regulation of contracts.

In treating of persons it deals with the enjoyment and deprivation of civil rights, of social state, of domicile, of the status of absent and lost persons, of marriage, of separation, of the duties of father and child, of minors, of giving freedom, of wards and guardians, of the deprivation of civil rights and of obligation to support.

In treating of property the same distinctions are found. Divisions, manner of acquiring property, its modifications by the rights of usufruct, use and habitation, and also its limits for servitude, royal or fixed.

The establishment of aqueducts for irrigation, under the Code of Chile, is deserving of special attention by reason of the necessity for such measures imposed by the climate and because of the immense encouragement given to agriculture by this means. In the regulation of successions the

Code of Chile is guided by a special criterion, following Spanish law in part and existing customs.

The right of testacy is restricted to legitimate offspring or obligation due to blood relationship. When there are ascendants or descendants, excluding these former in certain cases and conditions, the survivor of two joint inheritors may be called to succeed.

Whoever has legitimate descendants may dispose of a fourth part of his property, and whoever has no such descendants, of one-half. The succession is regulated by will, and in default of that by law, which distributes the property on the basis of a reasonable interpretation of the presumptive wish of the deceased in view of natural affection and the general facts of parentage and marriage. In default of legal heirs the property accrues to the State. Laws have been enacted which require the execution of wills under their terms, and the division of property, to the end that no one may be forced to hold an individual interest against his consent, nor be able to enter into an agreement, except for a limited time, whereby the public wealth may suffer by a withdrawal of the property from free conveyance. Donations between living persons and by reason of death are also regulated by law, judicial intervention in the first instance being provided when the gifts exceed two thousand piastres, in order that the interests of legitimate heirs or third parties may suffer no detriment. Finally, obligations are regulated in respect of their conditions, the sources which give rise to them, their effect, their maturity, the divers contracts, quasi-contracts, privileges, mortgages and various limitations.

Long and useless would be the task of entering into further details of the Civil Code of Chile.

The Commercial Code of Chile is likewise based on the French Code, and their resemblance is still more striking than that between the Civil Codes of the two countries. Their similarity renders it unnecessary for us to treat of the organization or numerous details of the two codes.

The Penal Code restrains every action or omission punished by law

and divides them into crimes, misdemeanors or faults, according to the class or duration of the punishment fixed for the infraction.

Criminal responsibility extends to accomplices and receivers of stolen goods, and proceedings are begun not only for acts performed but also for those attempted and frustrated. For penal restriction the circumstances are taken into account, whether they exempt from responsibility, extenuate or aggravate.

The Mining Code limits the arbitrary right of ownership, and to husband the public wealth and resources it regards all mineral deposits as belonging to the State, which turns over their enjoyment and development to the discoverer, or to the one first announcing himself to be such, stipulating as a condition that he shall establish his right according to forms and rules laid down by law for the proper protection of the rights of third parties, and further, as a condition of his protection and maintenance in his right, that he shall pay over annually a certain sum proportioned to the number of acres comprising the property.

The exceptions to this general rule are coal mines, which belong to their owners, and deposits of saltpetre, generally situated in desert and sterile places, the ownership of which is reserved to the State, but which it has alienated in parts to private individuals for mining, on the basis of a parliamentary expert estimate and after public tender.

A precarious permit for exploring and digging can be had, even before beginning the procedure essential in mining property, by means of a positive, definite announcement. Moreover, there is a special public register, where the essential acts concerning mining property and other acts or contracts which might affect it in this way are recorded. These rights hold a known and fixed position without ambiguity or prejudicial surprises.

The payment of the annual sum, based on the acreage mined, having been made, and the condition of the property conceded to be a guaranty of its effective working, mines which cease to pay their annual patent are alienated by this neglect of the parties in interest, are considered as abandoned,

and revert to the public domain. They are now open to be claimed anew and worked by the first comer who takes them up, and they constitute a new property, conformable to the general rules.

LITERATURE.

The intellectual traits of the Chileans have always been characterized by the predominance of mentality and learning, rather than by vivid imagination. This peculiar trait of the national character has been the object of study, both on the part of natives and foreigners. Various explanations of this fact have been attempted, but although investigators differ as to the cause, they are all in accord as to the fact that the Chilean race has less imagination than other people in America, and intellectual gifts less brilliant than the Spanish. They possess in compensation more earnest natures, more mental control, more firmness of purpose and extraordinary gifts for organization, which have developed remarkably under the protection of free labor and the democratic institutions of the country.

Chile is without that drawback of intellectual superficiality which is the bane of people of Southern latitudes. This is due in great part to the influence of the Spanish race which peopled the country in Colonial days; to the general warlike character of the immigration, to the difficulties of the struggle for a livelihood which the territory presents, and finally to the geographical situation of the Republic.

Chile has a climate temperate in some parts and cold in others; the greater part of its population is made up of mountaineers or of seafaring men, and the struggle for life under these conditions is hard, particularly if compared with life in tropical countries. Such natural conditions have a profound influence on the character and moral tone of a nation.

The Chilean character, as well from its moral as its political, literary or artistic side, is primitive, pliant, abstemious; perhaps occasionally a little too serious and reserved. In this respect the intellectual character of the race more nearly resembles the Anglo-Saxon type than the Latin, although

Spain and France have had great influence upon it, the former in the social and moral organization of the Republic and the latter in its political and judicial organization and in its development in the line of art.

HISTORY.

Among the studies of the Chileans history has always occupied a prominent position. From the early days of the colony (16th century) chronology and history have been studied with enthusiasm; in respect to the former the national historic literature attains to a collection of at least 2,000 volumes. Side by side with the celebrated Don Alonzo de Ercilla, whose epic poem is considered in Chile alike the first poem and the first national history, there are, among others, such prominent names as Lastarria, Barros Arana, Amunategui, Vicuña Mackena, Cresente Errazuriz, Sotomayer Valdes, Medina and a great number of other chroniclers and learned men who have contributed to give an impulse to this art in the land. Although in general this historic literature is not rich in philosophical aspects of the subject, since the middle of the nineteenth century considerable progress has been made in providing the arsenal of the national chronology with more elevated views of the subject, so that it may be hoped that a new era will soon open for that class of studies. At the last historical and geographical congress at Rome Chile competed, with about 1,000 selected volumes of the history and geography of the country. This collection is at present a part of the library of the University of Rome.

POLITE LITERATURE.

Belles-lettres, properly speaking, reached in the country during the nineteenth century periods of splendor and decadence. It is easy to understand that in a young country, which for three centuries was deprived of almost all intellectual activity by reason of the lack of liberty and education, no controlling impulse could be given to literature. For this reason it has been remarked that Chilean literature inclines greatly to follow enthusiastically European currents, particularly Spanish and French.

There are few national authors who in their early efforts have not participated in this imitation. Nevertheless, there is a source which, if not exclusively literary, is the only one entitled to carry weight, and which has given rise to works of real importance. This source goes back for its beginning to Spanish origins, but more particularly to the founder of national poetry and history, Ercilla, the illustrious singer of Araucanian-Spanish epic.

Continuing, it showed itself more or less feebly among several epic poets, more or less primitive, and after being favorably modified by liberty and a larger idealism, after the revolution of 1810 acquired its greatest development from the middle to the end of the last century, in the person of several novelists who possess an independent individuality and have established an epoch of originality in recent literature. Among these authors, around whom has gathered a new group of literary men, may be mentioned Garcia Reyes, Sanfuentes, Matta, de la Barra, Arteaga, Marin del Solar, Blest-Gana, poets; Vicuña and Amunategui, who produced rhapsodies and novels; Blest-Gana, now in Paris, an eminent romancer, whose works, published by Bouvet & Garnier, have been read for thirty years throughout America; Barros Grez, like Blest-Gana, a profound observer of social life in Chile in the middle of the nineteenth century, Jotabeche, Zorobabel Rodriguez, etc.

In our day, under an appearance of literary decadence, a generation of young poets, writers of fiction and novelists, aided by the national system of education, keep up the literary current in a brilliant manner.

The predominating tendency in those new productions is realism and the portrayal of national customs.

Like the literature of other countries, that of Chile had to suffer for a time the infirmity of decadence, but the good sense of the Chileans finally put a stop to those pernicious influences. Among the young writers there remain only a small number of infuriated imitators, who follow the decadent school, an error which national and foreign criticism is successfully struggling against. In later times interesting works have been produced by

Daniel Riquelme, Alberto del Solar, Joaquin Dias Garcés, Carlos Silva Vildósola, Luis Orrego, Vicente Grez, Emilio Rodriguez, Pedro N. Cruz, Baldomero Lillo, Martinez, Quevedo, Vicuña S. Angel Espejo, etc.

A numerous youthful coterie is also devoting itself to prose. Among these may be noted Carlos Varas, Federico Gana, A. Thompson, Labarca, Poblete and a host of others equally young and observing. Poetry is more cultivated among the young people than prose. Among those of the younger generation distinguished in poetry, besides the unfortunate Pedro A. Gonzales, are Samuel Lillo, Concha Castillo, Borquez Solar, M. Magellanes, C. Pezoa, Veliz, Antonio Orrego, Rocuant, etc.

ORATORICAL ART.

The orators counted in the literary history of the country are numerous. The national oratory is characterized by a complete absence of show and by a sobriety of logical force, by means of which certain orators have reached the mastery. The Chilean rostrum strives to convince; the orators are rare who seek to influence public opinion by more or less shallow literary articles; in general, those speakers are most appreciated whose discourses are based on logical, solid reasoning. Some eminent orators whose memory is tenderly respected are I. Errazuriz, Vicuña Mackenna, Carlos Walker-Martinez, de la Barra; among bishops, Mgr. Valdivieso and Mgr. Salas, etc.

Latterly some judicial and academic orators have come prominentiy into notice: Marcial Martinez, Mac Iver, Montt, Orrego Luco, Augusto, Archbishop Casanova Ugarte, Luis Espejo, etc.

JOURNALISM.

Although in these latter times periodical literature has greatly suffered from the industrial evolution of the press, numerous writers of great distinction and of an original style shine out with peculiar genius in that intellectual field. Journalism has for many years been ardently followed up, and to-day has arrived at perfection. The writings of Vicuña Mackenna,

Arteaga Alemparte, Rodriguez, Augusto Orrego, de la Barra, Maximo Lira and Salas are never to be forgotten. Later, Rafael Egaña, the brothers Galo and Alfredo Irarrazaval, Carlos Silva Vildosola, Emilio Rodriguez, M. Cabrera Guerra, and Joaquin Diaz Garcés made a reputation in the newspaper press, as well as several other young men, who are following journalism with success. Generally Chilean journalism tends to be anonymous. Nearly all newspapers are edited on the English or American plan; that is to say, the leading articles of each day are written in support of the ideas of the administration, or in accordance with the traditions of the paper, but without bearing the signature of the writer. In Chile the press is absolutely free; no restraints are thrown about it. It must be added that this liberty is in no wise abused; the newspapers exert considerable influence over the direction of public affairs. In short, the newspapers are, materially and morally, the most effective agents in the national progress.

PHILOLOGY AND GRAMMAR.

During the nineteenth century a school of philology flourished in the country, whose real value has been recognized by eminent foreign critics, chiefly German and American. The Spanish idiom, its history, its grammar, the evolution of its orthography, the indigenous philology, the popular dialect, etc., have been studied by eminent specialists. From the time of Andres Bello, the first grammarian of the idiom, who studied and edited the Cid, down to Hanssen, de la Barra, Lenz, etc., the University of Chile has encouraged philological researches by prizes and competitions. On the other hand, the country has had the great good fortune to receive as guests at its university eminent American and European savants devoted to this class of work, who have contributed to give little by little to Chilean philological students their present degree of splendor. The eminent philologians and grammarians and those who have worked along this line are: Bello, a Venezuelan, who passed the greater part of his life in Chile and was the first rector of the university. He wrote a celebrated Spanish grammar, and

ASTRONOMICAL OBSERVATORY, SANTIAGO.

studied and criticised the Cid and numerous ancient poems; he left numerous studies on the metrical art and similar subjects; he changed Spanish orthography by simplifying it, and his reform has been officially adopted. Sarmiento, from the Argentine Republic, who also advanced the cause of reform in orthography in Chile; Barros Grez and de la Barra, philologists of great renown, kept up and pushed further the work of Bello. Hansens, professor at the institute of pedagogy, investigated the origin of the Spanish and other Roman idioms; Lenz, also a professor of pedagogy, has made extensive studies into the origin of the idiom of the race. Palacios is the author of "Raza Chilena," a book in which he advances interesting theories on the Gothic influence in the formation of Spanish. Nercaseaux y Moran, a grammarian, and Julio Phillippi, a disciple of Lenz, have studied with success the syntax and phonology of the national dialect. Brennen Messem de Costa Rica, a disciple of Lenz, in the Institute of Pedagogy at Santiago, has published an historical grammar, with a bold and interesting criticism of the Castilian idiom.

Phonetic Orthography counts several followers in Chile, among whom are Newman and Cabezon. Numerous professors and students are devoting their efforts to preserving this original tradition.

PEDAGOGY.

For sixty years the progress of pedagogy in Chile has taken no backward steps. The State is at the head of the reform, and every day witnesses a new step toward modernizing the instruction. In secondary instruction, as well as in primary, modern inductive methods have been in use for the past fifteen years. The German method has served as a model for Chilean teachers. Teachers for the second grade are prepared at Santiago in the higher school of pedagogy, which is attended by students from all parts of South America; they are also prepared in normal schools for the education of teachers. Physical and manual instruction are modelled on Swedish and German methods. American influence predominates in primary instruction.

Higher instruction in mathematics and medicine has made great advance. Numerous pupils from all the republics of South and Central America are constantly seen in the halls of the university.

Great attention is paid in Chile to the education of women. Hundreds of young women have taken university degrees, among others that which qualifies for teaching. In the last Chilean Grand Congress of Pedagogy and International Exposition for Teaching, the high degree of development of this branch and the solid and modern preparation of teachers were clearly manifest.

FINE ARTS.

Painting and sculpture have had no more than a half century of existence in Chile; nevertheless, during the past twenty years the annual exhibitions of the fine arts show marked progress in the schools for preparation, which have to contend with a lack of refined artistic surroundings and the distance which separates Chile from Europe. Firmness of purpose and a lofty conception of art have been instrumental in considerable development, particularly in painting. After an initial epoch of imitation a spirit of observation and originality has gradually developed a Chilean school among artists, a school for the most part severe in design, brilliant in coloring and devoted to both landscape and portraiture. The austere character of nature in Chile, its vast, simple and luminous horizons, will ultimately impress themselves upon artists. The most celebrated Chilean painters are Pedro Lira, Alfredo Valenzuela, Juan J. Gonzales, San Martin, Arcos, Harris, Valenzuela Llanos, Subercasseau (father and son), Errazuriz, Concha, Plaza, Reska and many young men whose lives are wholly devoted to their art. The painters mentioned have cultivated all styles of the art, and many of them have obtained awards at Paris, Madrid and in the United States. The sculptors, although less numerous than the painters, have produced works which have been highly approved by the critics.

The founders of Chilean sculpture are Blanco, Plaza, Gonzales and Arias.

MUSIC.

All Chileans are fond of music; there is no household, however modest, in which there is not either a piano or other musical instrument. Every holiday is accompanied by music. While it is not possible to say that there is a national music in Chile, there are melodies and airs which belong particularly to her, although their remote origin appears to go back to Spain. The popular music is joyous, rhapsodic in its character, and will surely give birth to a school of which glimmerings are already apparent, and which only waits superior talent to give it shape. The State looks with favor upon musical culture. The national conservatory numbers 500 pupils, and has already produced composers and performers of real merit, distinguished among whom are Teodoro Ortiz de Zarate, author of three operas, which treat of the divers origins of the life of the country; Raul Heugel, one of whose operas has been presented in Santiago; Enrique Soro, a young composer skilled in symphony, and Flora Joutard, who achieved great success in Germany. Several young composers have also given proofs of musical talent and are studying to-day in Chile or in Europe, such as J. Rengifo, and numerous brilliant performers whom the Chilean school has produced, among whom the pianist, Amelia Coq, is especially distinguished. In spite of the musical talent which is discernible in the country it is natural to suppose that a certain time will necessarily elapse before its music will take a definite character and rank.

THEATRES AND FASHIONS.

The theatres in Chile are modern edifices and are found in all the cities of the Republic; in a few, such as Santiago, Valparaiso, Concepcion, Talca and Punta Arenas, these edifices are superb and are open nearly all the year. The Opera House at Santiago is a splendid monument. The season lasts five months, from the beginning of May to the end of October. Good lyric and dramatic troupes are successful, but the Italian opera has the preference. Prices are very dear, a box for the season costing from $1,000 to $2,000. Seats in the orchestra for each performance vary from $4 to $5

each; stalls $2 to $3. There are fifty large boxes in the first and second stories (the second floor is the same price as the first). Chairs in the boxes in the third tier are sold separately and are from $1 to $2 each. The city subsidizes lyric companies with sums varying from $30,000 to $40,000 per annum.

Besides the opera, there are at Santiago and Valparaiso four or five small theatres of a light character which are open throughout the year under a special system of performance called "Tandas." These shows are in separate parts, like the concert coffee houses of Paris, except that the seats are sold separately for each piece, so that the audience changes three or four times in a night. The price for each piece is $1 or $1.50; for the whole evening, $3.

The display on a gala night at the opera is superb and equal to that of the greatest theatres in the world.

There is a great deal of luxury in Chilean society, which is displayed under all circumstances; luxurious establishments, public and private edifices, luxury in carriages and horses, luxury at table, in banquets, receptions and especially in the great balls, which follow each other without interruption throughout the winter; luxury in silks, toilets, laces and jewels. There are races upon whom prevailing customs have no effect, but this could not be said of the Chileans. There is in Santiago, as in almost all large cities of the world, a class of society which lives in a very expensive manner, giving a great deal of attention to ladies' toilets, and consequently pays tribute to Parisian refinement. The perpetual changes in fashions, furniture, carriages, etc., find an immediate reflection in that society. Rapid changes of style which succeed each other at short intervals, a host of fantasies and caprices every season, render the scene variable and changing. Hence the country pays annually an enormous tribute to the arbiter of fashion, which rules and makes laws for the whole world, laws which are generally protested against everywhere, yet everywhere obeyed. This explains the enormous annual importation of foreign gar-

ments, laces and silks into Chile. Men's clothing, on the other hand, is plain, unostentatious, without great variety, thus conforming to the character.

PUBLIC INSTRUCTION.

Education is absolutely free in Chile. All who wish may give or receive instruction. The State merely reserves the right, through a council of public inspection, to examine persons pretending to practise this profession. The instruction given by the State in schools and universities is gratuitous. Primary instruction is given in more than 300 schools, scattered throughout the country, and secondary instruction in lyceums located throughout the land.

The State furnishes higher instruction in the University of Chile, which is situated at Santiago, under the supervision of a council of public instruction. Courses of jurisprudence, mathematics, physical sciences, medicine and fine arts are given there. Apart from this instruction, the State maintains numerous other establishments for teaching agriculture, commerce and the industrial arts. To this end it has schools of mines, agriculture, arts and trades, commercial schools, etc. In short, in Chile the poorest child may become a physician, lawyer, engineer, farmer, miner, merchant or mechanic without any personal expense, the State furnishing all the instruction gratuitously.

BENEVOLENCE.

Public benevolence is shown in numerous hospitals, houses for the infirm, hospitals for contagious diseases, dispensaries, designed for all sorts of illness and for disinherited persons, asylums for the insane, maternity hospitals, institutions for the care of orphans, foundlings, minors, old people, invalid women, sailors and numerous other charitable institutions, all of which are subsidized by the State. Charitable associations in Chile are thoroughly well organized, and they, together with individual charity and the private societies devoted to that work, form a whole whose bounty may be said to be inexhaustible.

POSTAL AND TELEGRAPH SERVICE.

These departments are under the supervision of special functionaries, who are at Santiago and under the control of the Minister of the Interior. There is no special department of the Post Office which controls the service of foreign mails. There are, besides the railways, 223 private contractors carrying the mails. The postal routes cover 8,796 kilometres of railway, 8,340 kilometres of highway and 18,476 kilometres of water routes.

ARMY.

The country is organized on a military footing in case of foreign war. The regular army, reinforced by a part of the national guard, amounts to 150,000 men; the remainder of the national guard, those having made the compulsory service, to 350,000. The infantry is armed with the Mauser rifle (Chilean model); the cavalry with the carbines of the same system and with lances. The equipment, management and ambulance service are on an excellent footing. The military academies, cadet corps and schools for non-commissioned officers are complete in organization, which makes the army a model of training and discipline. We may add that the military spirit is a scourge which is unknown in Chile, where the civil element alone predominates. Sailors and soldiers busy themselves with their profession only, because the army is an organization in which obedience is exacted and where an inquiry into reason is not permitted. The generals in the Chilean army are not numerous, divisions being commanded by colonels. The number of officers is as follows: Four generals of division, six brigadier generals, 125 superior officers, 300 captains and 390 lieutenants.

NAVY.

The navy is composed of the following battleships and cruisers: Capitan Prat, of 7,000 tons; O'Higgins, Esmeralda, Blanco-Encalada, Zenteno, Presidente Pinto, Presidente Errazuriz, Almirante Cochrane, Huascar, five small cruisers from 2,500 tons to 4,000 tons, nine torpedo destroyers from 500 to 1,000 tons, 25 torpedo boats from 100 to 800

tons, 10 schoolships or special ships and twelve large steamships of the Compañia Sud-Americana, which can be armed in time of war. The navy and the army are in perfect condition and have no cause to envy the finest armies in the world.

POST OFFICE, SANTIAGO.

YEAR 1906 — THE COMMERCIAL OUTLOOK — PRESENT STATE OF THE COUNTRY.

Few years have had so many vicissitudes and alternatives of prosperity and ruin in store for Chile as 1906, and none perhaps has left such marked traces behind it.

On one side a part of the principal harbor of Chile—Valparaiso—was practically destroyed by an earthquake which desolated a part of the central valley of Chile and demolished cities which it had taken centuries to form. On the other hand, a beneficent Providence compensated largely for this disaster, for the year of the Valparaiso earthquake was a year of the greatest progress and welfare and the most prosperous one as to business.

All the Chilean export products had a considerable rise in the world's markets, and especially nitrate and copper have reached during the last few months prices almost unknown before. Consequently, money has been flowing into the Chilean markets at a rate that the present situation, after the earthquake, is such that the demolished houses can be easily rebuilt with the ordinary resources of the country. Furthermore, the August catastrophe has revealed the soul of the country. On that occasion it was clearly to be seen that the Chileans are a well organized nation, not cowering on account of a disaster, not to be disheartened by a catastrophe or discouraged by obstacles, nor surrendering to fate, but taking up work with renewed fervor.

NITRATE.

In the year 1905 the belief was current that the existence of nitrate in Chile was limited to the province of Tarapaca and estimated at 100,000,000 tons. This opinion was also accepted in Chile, and uneasiness was felt at the idea of a limit to this source of riches. Although considerable, the deposits indicated at Tarapaca, 100,000,000 tons of nitrate which

they contain, would barely be sufficient to supply the market of the whole world for 30 or 40 years. But, fortunately, during the years 1905 and 1906 immense deposits of nitrate were discovered in the provinces of Antofagasta and Atacama whose existence had never before been thought of.

In these virgin regions up to this day more than 15,000 fiscal mining pertinances for nitrate of good quality have been measured in such manner that, if only calculated at 100,000 tons of nitrate to each pertinance, their aggregate can be estimated at 1,500,000,000 tons of nitrate, contained only in the regions of Antofagasta and Atacama recently discovered. Adding to these the 100,000,000 tons which exist in Tarapaca, we have the almost unlimited quantity of 1,600,000,000 tons of nitrate known up to the present time in Chile.

Calculating the average production of nitrate in Chile and the world's consumption in future years at 5,000,000 tons annually, the result is that the nitrate existing at present in Chile could supply the world's market for the next 300 years. There are 132 plants now in the country, with a productive power of 3,850,000 tons of nitrate, and during this year there will be 151 plants, with an output of 4,800,000 tons.

As shown by the above particulars, nitrate is called upon to develop in colossal proportions in the future.

THE COMMERCIAL OUTLOOK.

The international commerce of the Republic during the past year shows continual progress. The imports amounted to $185,596,418. The articles which have contributed the greater part of the increase are combustibles, oils, machinery, tools and industrial implements, their value having risen to $56,968,177, a figure $12,825,440 in excess of that of the previous year. In consequence of the bad harvests it was necessary to import 4,550 tons of wheat, valued at $455,000, and 942 tons of flour, worth $113,000. The exports were $265,208,892, being $49,211,098 in excess of those of the preceding year.

Although the export of copper ingots and matte is in excess of that for the year just referred to, the export of ores has fallen off, amounting only to 43,512 tons, worth $22,419,340. The value of copper ingots, which increased $1,778,801, was $2,245,077, and that of silver, which fell off $217,381, did not exceed $192,014. The remaining mineral exports were valued at $3,846,189.

The custom house duties amounted to $91,321,561, of which the imports yielded $32,265,680 and the exports $57,127,954; receipts from other sources were $1,927,927, thus showing an excess over the previous year of $8,546,552.

Foreign Debt.—The foreign debt on December 31, 1905, was £16,249,300 ($81,246,500). In 1905 a loan of £1,350,000 was contracted for the purpose of sewers, draining, paving and furnishing potable water to Santiago, and the proceeds derived from the loan were deposited partly in three banks in Santiago and the rest in Europe. According to the provisions of the laws of February 14 and 21, 1906, a loan of £1,500,000 was negotiated for the purpose of constructing systems of sewerage for Valparaiso, Talca and Concepcion, and establishing a system of water supply in the cities of the Republic, and £2,200,000 more for the construction of a railway from Arica to La Paz. These 4½ per cent. bonds were placed at 90¼ per cent. net, thus yielding £3,339,250 sterling, which sum was deposited to the order of the Governor of Chile with the Deutsche Bank at 3¼ per cent. interest. In 1906 £2,500,000 of treasury bills were paid off.

The internal debt on December 31, 1905, was $107,168,761.59, including the issue of treasury bills in conformity with the law of December, numbered 1721. Of the $30,000,000 in paper money outstanding only $10,000,000 went into the general bonded debt, the remaining $20,000,000 being destined to the purchase of mortgage bonds. Thus $20,153,100 in obligations were bought, which, with the $6,998,500 already on hand and a profit of $17,300 accruing from the sinking fund, made a total of $27,168,900.

Conversion Fund.—On December 31, 1906, the fund destined for the

redemption of the paper money amounted to $73,620,374, deposited in European and American banks. In 1905 national bonds to the amount of $6,500,000 were issued in conformity with the treaty with Bolivia. These figures, however, it is explained, do not include the interest owing by the Disconto Gesellschaft of Berlin for the second half of 1906, consequent on the account of this bank not having been received up to February 5, the date when the statement was made up. A similar remark applies to the National Bank of New York, the $500,000 for December not finding a place in the statement, representing interest earned by money deposited in New York, which is 3 per cent, while the Berlin bank pays 3½ per cent on the money deposited with it.

At the end of 1905 the amount accumulated in Germany and deposited in the Deutsche Bank and the Disconto Gesellschaft at 3½ per cent is returned at $44,765,854.54 (Chilean money), or 68,303,603 marks. In the course of 1906 there were deposited in the National Bank of New York twelve monthly sums of $500,000 (Chilean) and eleven of $166,666. In the same period there was deposited in the Deutsche Bank, in conformity with the Act of May 23, $20,000,000 of the issue of paper, and there were passed to its debit two amounts for interest, one of $400,731.55 for the first half and the other of $756,153.23 for the second half. There were no deposits made in the Disconto Gesellschaft, but the sum of $364,302.28 was passed to its debit for interest accrued in the first half of the year.

In the course of the past five years 4,250,946 acres of land in the Southern part of the country, valued at $13,402,376, have been allotted to colonists, and 18,758 natives have been settled thereon and 2,680 families of natives and foreigners, comprising 13,390 persons, or a grand total of 32,148 persons.

Cattle Companies.—The cattle companies have continued their prosperous course during the present year, although their number has been diminished by the absorption of the eldest of them, La Exploradora de la Tierra del Fuego. This company at the end of 1905 strengthened itself con-

siderably with the remainder of the lands in Ultima Esperanza, completed its consolidation with the companies Riqueza de Magallanes, Ponsonby, Cerro Palique, and others, in 1906, and became one of the strongest and most important companies in Chile. Its capital was increased to £1,200,000, in shares of £1 each. It is interesting, by way of giving an idea of what industry and capital can accomplish in Chile, to give a few figures to show the progress of this company and explain its wonderful development. It was formed in 1893, with a capital of $1,000,000, to work a concession of 3,000,000 acres in Tierra del Fuego. Its first board of directors was Pedro MacClelland, Guliermo Wilms, Leoncio Rodriguez, Benjamin Edwards and Gustavo Oehninger. Its manager at Punta Arenas was Mr. Moritz Braun. In 1894 they owned flocks of sheep aggregating 7,600 animals, which by means of purchases and reproduction had increased to 72,000 in 1897. Thence followed a constant and continued increase, as shown by the following figures:

1898	102,344	1902	240,383
1899	139,597	1903	256,751
1900	166,881	1904	296,366
1901	216,041	1905	338,732

After this last balance it acquired the lands of and consolidated with the companies we have mentioned, thus raising its flocks to 900,000 head.

Its net earnings rose from $65,229 in 1897 to $2,049,185 in 1905. The balance on June 30, 1906, rose to much higher figures. The net profit amounted to $4,309,351. The stock of animals at that date was 877,257 head, and to-day the number, after the spring yearning, may be estimated at 350,000 more. The next statement, concerning the second half of 1906 and the first half of 1907, ought to show earnings in excess of $6,000,000. The company inventory on June 30 showed assets of $21,992,889. During the year many of the companies of recent formation have consolidated, and yet some have been able to pay dividends. La Ganadera de Magallanes, La Chile y Argentina, La Oriental, Laguna Blanca and Santa Cruz can be con-

sidered to-day as well established companies, which will in a short time make large earnings.

Investments.—Two companies were formed for special purposes in 1905, whose capital was not to be employed in furthering any particular industry, but in aiding enterprises which might, in the judgment of the directors, offer favorable investments. The first of these two, La Compania Chilena de Inversiones, has met the expectations which were based on it, for in a year and a half from its foundation it has been able to pay two semi-annual dividends of 10 per cent each on its paid-up capital and accumulate enough to increase the capital from $7,500,000 to $11,117,525 on June 30 last. Latterly its shares have been a little weak in the market, owing to the breaking off of a negotiation which relates to work of very evident public interest, viz., an electric railway at Santiago.

This company has made practical, definite surveys of the work, inquiring into motive power, buying land in places suitable for railway stations and interesting foreign capitalists in the construction work.

Banks.—The banking institutions, in spite of being the most affected by the earthquake of August 16, have generally shared in the march of prosperity. From January 1 El Banco Español Italiano continued under the name of Banco Español de Chile, with its capital increased to $20,000,000 and a reserve of $4,000,000 more. Its deposits have increased to around $40,000,000, and its earnings on June 30 amounted to about $1,800,000. It was thought the bank would suffer large losses in the fires from August 16 to 20, which destroyed so much property in the district of the Almendral, yet in reality its losses did not exceed $100,000.

El Banco de Chile, the most important and powerful in the country, accepted at the end of the first half year of 1906 a proposal from various capitalists to take a new issue of 100,000 shares (par value $100 each) at $200 per share. This operation raised the capital of the bank to $30,000,000 paid up and a reserve of $15,000,000.

The following is a statement of the condition of the national banks of Chile on December 31, 1906:

BANCO DE CHILE.

Net earnings for the six months, after having set aside $400,000 to cover any possible loss to the bank from the catastrophe of the 16th and to pay all extra expenses originating from the same cause, amount to	$2,616,079.61
To which is added the shareholders' fund	682,351.73
Making an available total of	$3,298,431.34

Which the Direction has distributed as follows:

Dividend at 8 per cent	$2,400,000.00
Salaries of officers	155,828.30
Shareholders' fund	742,603.04
Total	$3,298,431.34

The liabilities are as follows:

Capital stock	$30,000,000.00
Reserve fund	14,075,000.00
Fund from consolidation of the capital of the bank	250,000.00
Shareholders' fund	742,603.04
Total	$45,067,603,04

BANCO NACIONAL.

The net earnings of this bank for the second half of the year 1906, after setting aside $114,436.78, which represents the total loss of the Valparaiso branch in the calamity of August 16, are	$641,885.45
Which added to the dividend fund of	398,148.13
Gives a total of	$1,040,033.58

This the Directors have divided as follows:

Dividend at 7 per cent	$560,000.00
Reserve fund	64,188.54
Salaries of officers	18,648.12
Fund for future dividends	397,196.92
Total	$1,040,033.58

The liabilities of the bank are:

Paid-up capital	$8,000,000.00
Surplus fund	1,264,188.54
Fund for future dividends	397,196.92
Total	$9,661,385.46

BANCO CHILENO GARANTIZADOR DE VALORES.

The net earnings of the second half of the year 1906 amount to	$111,388.15
From which sum there has been set aside for losses	22,000.00
Leaving a balance of	$89,388.15

Which sum has been distributed as follows:

Interest on 664 shares, 50 per cent paid up, or $25 on each share	$16,600.00
Interest on 36 shares, 50 per cent paid up, at $20 each	720.00
Dividend on 1,800 shares, $30 each	54,000.00
Assignments	6,640.00
Loss of furniture and fixtures	1,428.15
Salaries of officers	10,000.00
Total	$89,388.15

BANCO DE SANTIAGO.

The net earnings for the second six months of 1906 were	$340,926.45
Dividend fund	140,680.58
Total	$481,607.03

Which the Direction has distributed as follows:

Dividends at 7 per cent	$224,000.00
Salaries of officers	19,500.00
Reserve fund	75,000.00
Fund for future dividends	163,107.03
Total	$481,607.03

The liabilities of the bank are:

Capital	$3,200,000.00
Reserve fund	100,000.00

MONUMENT GENERAL SAN MARTIN, SANTIAGO.

Contingent fund	$250,000.00
Fund for future dividends	163,107.03
Total	$3,713,107.03

BANCO DE LA REPUBLICA.

Net earnings from July to December, 1906	$377,767.28
Shareholders' fund	34,082.11
Total available funds	$411,849.39

Which the Directors have distributed as follows:

Dividends at 6 per cent on the paid-up capital	$210,000.00
Officers' salaries	12,600.00
Reserve fund	40,000.00
Losses, fixtures	120,000.00
Shareholders' fund	29,249.39
Total	$411,849.39

Liabilities are as follows:

Paid-up capital	$3,500,000.00
Reserve fund	115,000.00
Casualty fund	40,000.00
Shareholders' fund	29,249.39
Total	$3,684,249.39

INDUSTRIAL BANK OF CHILE AND FRANCE.

The net profits of the second half year of 1906 were	$240,587.40
Dividend fund	43,516.51
Total	$284,103,91

Which was used as follows:

Dividend of 10 per cent	$120,000.00
Reserve fund	50,000.00
Officers' salaries	6,000.00
Fund for future dividends	108,103.91
Total	$284,103,91

The liabilities of the bank are:

Capital	$2,500,000.00

Reserve	$300,000.00
Contingency fund	100,000.00
Fund for future dividends	108,103.91
Total	$3,008,103.91

BANCO HIPOTECARIO DE CHILE.

The net earnings for the second half of 1906 were	$347,081.41
Dividend fund	90,817.99
Total	$437,899.40

Which the Directors have divided as follows:

Dividend, $10 per share	$200,000.00
Officers' salaries	12,000.00
Depreciation fund	132,000.00
Dividend fund	93,899.40
Total	$437,899.40

Liabilities:

Paid-up capital	$2,000,000.00
Reserve	500,000.00
Depreciation fund	365,000.00
Dividend fund	93,899.40
Total	$2,958,899.40

PEOPLE'S BANK.

Earnings for last half of 1906	$62,121.68

Divided as follows:

To shareholders in the savings bank and holders of savings coupons, 9 per cent	$19,602.00
Founders' shares, 3 per cent	1,278.00
Officers' salaries	4,523.36
Future dividend fund	30,000.00
Savings and retirement fund	3,718.32
Total	$62,121,68

Liabilities:

Capital stock	$259,500.00
Future dividend fund	140,000.00

Reserve	$135,384.36
Contingency fund	32,500.32
Future dividend fund	58,104.00
Total	$925,988.68

CENTRO COMERCIAL.

Net earnings last half year 1906	$163,443.24
Distributed as follows:	
Reserve, 10 per cent of earnings	$16,844.32
Dividend, 10 per cent	83,000.00
Protection and safety fund	50,000.00
Salaries	14,098.92
Total	$163,443.24
Liabilities:	
Capital stock	$830,000.00
Reserve	551,631.30
Safety fund	80,000.00
Total	$1,461,631.30

The "Centro" alone was able to do business during 3½ months, and it amounted to $116,000,000.

* * *

RAILWAYS.

The construction of railways and public works is going on with great activity. Railways are under construction from Animas to Los Pozos, Ovalle to Trapiche, Paloma to San Marcos, Choapa to Salamanca, Choapa to Illapal, Puenta Alto to Volcan, Melipilla to Puangue, Alcones to the tunnel of "El Arbol," from Ruca Pequén to Tomé and Pua to Curacautin.

Very soon work will begin from Los de Rayado to Los Vilos and from Inca to Copiapé and the tunnel of the Grupa; the railway from Cabildo to the north and Curicó to Hualañe in the south.

Surveys of the new lines are going on with all activity for an extension of 1,517 miles. From these it will soon be possible to let contracts

for the 80 miles which lie between Osorno and Puerta Montt, thus making a terminal for the Longitudinal road in the southern part of the country. Moreover, branches will be built for this road to the coast and to the Andes, a work necessary to give life to the vast central network of the State. The connection of Port Arica with Zapiga and of La Granja with the railway from Antofagasta to Bolivia (300 miles) will make possible better conditions of living in the provinces of Tarapacá and Antofagasta.

The mileage of State railways in operation is actually 1,508 miles, including the line from Pitruquen to Antilhue, which has just been opened to traffic. The gross earnings of the railways in operation were $21,442,067 for 1905, the operating expenses were $20,818,916.50 and the profits $623,150.50. The great increase in railway construction by private companies during this year has been due to the extraordinary development of national activity. During the past year twenty-nine charters were granted for roads of that class, with a mileage of 1,057 miles, and in the present year thus far four more, with a mileage of 328 miles, or a total of 1,385 miles. Of these 293 miles are under construction in the provinces of Atacama, Antofagasta and Valdivia, 125 miles of rails having been laid up to this date. Moreover, the work on the Transandes line is being carried on from Juncal and from Antuco. On the former the rails are down thirty miles toward Juncal and the summit tunnel is being bored. Work on the second section is much advanced, and in two years this undertaking of such vast importance to the country may be finished.

One of the lines of railway which possess the highest degree of interest for the country is called the Longitudinal, proposals for the completion of which have lately been received. It is a line intended to traverse the country lengthwise from the city of Tacna, lat. 18° 1′, to Puerto Montt, in 44° 29′. The line is divided into three parts:

I. The northern part, from Tacna to Calera (33°).
II. The central part, from Calera to Victoria (38° 16′).
III. The southern part, from Victoria to Puerto Montt (44° 29′).

The length of the northern part is 1,340 miles. There are already 390 miles of this part built and in operation. There are 950 more to build.

The whole of the central part is built and in operation. It is 465 miles long.

The southern line is 347 miles long, 285 of which are built, leaving sixty-two to be constructed.

To sum up, the total mileage yet to be built is 1,012 miles; the tracks are one meter wide; the average price per kilometer is estimated at $14,800, rolling stock included; consequently the total cost of this line (1,620 kilometers) will be about $24,000,000.

The final surveys for this line are very far advanced and for the most part finished. The central part, as we have said, is between 33° and 38° 16', and is 465 miles long, 5½ ft. track, is the property of the government and is at present in operation. The average price of this construction, rolling stock, bridges and stations included, was about $27,500 per kilometer (⅝ of a mile), which gives a total of $20,650,000 approximately for this part.

The railway from Tacna to Puerto Montt, when finished, will have cost $44,650,000, American money, and may reach $48,000,000. The importance of this railway to the commerce of the country, in view of the actual difficulties of a sea voyage, will be very great. To-day it requires twelve days to go by water from Arica to Puerto Montt; after the completion of the road it will require only three days. This longitudinal railway is the Chilean part of a Pan-American railway which is to unite all the republics of North and South America.

* * *

A contract concluded in 1905 by and between the French Company Creusot and the Government of Chile for the establishment in the southern part of the country of a great plant with large furnaces for producing iron and steel, ores for which are so abundant in Chile, is drawn up in about the following terms. It is in the form of a concession made by the Chilean

Government to Mr. Carbonel, the representative of the Creusot Company, and the terms are about as follows:

1. The concession is for a period of thirty years.

2. The bounty per ton of manufactured products shall be $3.70, American money, on bars and $5.45 on other products, but the total thus paid shall not exceed $356,250.

3. A bounty of $5.22 on each ton of manufactured products exported, the total payment for which shall not exceed $150,000, American money.

4. A guarantee of 5 per cent. for twenty-five years on the share and bonded capital; the capital to be $1,100,000 for an establishment with a capacity of 7,500 tons; $1,500,000 for a plant with a capacity of 15,000 tons; $1,800,000 for a plant capable of producing 25,000 tons; $2,250,000 for a plant with a capacity of 35,000 tons; $2,400,000 for a 45,000 ton plant.

5. A gratuitous cession of at least 250 acres of land to erect a plant at some point to be designated by the grantees.

6. The right to work 200,000 acres of State timbered lands in the vicinity of Valdivia for a period of twenty years; said lands to be well timbered, conveniently situated with reference to navigable rivers and ocean or rail transportation, together with the right, after a period of fifteen years, to acquire possession of the lands at a price previously agreed upon.

7. Agreement on the part of the State to make and keep up such works as shall be necessary to insure access and a place for unloading at Corral or the river Valdivia to vessels drawing 24½ feet of water. A freight rate of one centavo (one cent) per ton per kilometre on the State railways for the transportation of raw material necessary for the plant.

Educational conditions and facilities in Chile can be understood by the following brief statement:

The cost to the government of public instruction in 1906 was $17,645,008, and that of primary instruction in 1906, $9,230,687. The Normal

schools for teachers at present number sixteen, with 2,230 teachers, at a cost of $1,222,949. The elementary schools number to-day more than 2,215, and their pupils aggregate 170,827; their teachers, 4,729. There are 118 private schools for elementary instruction subsidized by the State, which receive $194,300. This sum, distributed among the 16,139 pupils, makes the cost of each one upward of $10 to the State. Summing up the 170,827 pupils of the public schools which receive no State aid, we have a total of 208,913 receiving instruction.

The technical and commercial institutes numbered eleven in 1906, with more than 1,000 pupils, and cost $398,736.

The National Conservatory of Music has the present year 802 students, at a cost of $68,521. The lyceums for secondary instruction for men number more than 3,000, and their cost of maintenance reaches $2,207,228. Instruction in mining has been by the government. There are actually schools of mines at Copiapó, Serena and Santiago. Very soon there will be another established in the city of Antofogasta.

This year the Escuela Práctica de Minneria at Copiapó will receive resident pupils. The good results obtained at the School of Arts and Trades at Santiago have prompted the government to extend this class of instruction to other provinces by opening new schools and subsidizing private institutions which are devoted to these subjects. In the beginning of last year a school of this sort was established in Chillan, and during the present year another will be opened in Concepcion. Among the private schools which the government subsidizes are several intended to teach laborers or workmen drawing in its practical application to their respective vocations. There is also in Santiago a subsidized school for workers in electricity and for motormen; one for gasfitters and hygienic installations; one for stucco moulding, and others of that class. Almost all of these subsidized institutions fall under the immediate observation and supervision of the Society of Fomento Fabril, a body which spares no pains in the exact discharge of its duties. A great impulse has been given to the technical

CENTRAL SQUARE, SHOWING IN THE BACKGROUND GRAND PARK HILL, SANTIAGO.

and professional instruction of women during 1906 by the establishment of numerous professional schools. There are at present twenty-nine institutions of this character in the principal cities from Tacna to Ancud.

The cost which the maintenance of these schools entails upon the State this year amounts to $650,870, with an enrolment of more than 4,000 pupils. The aid allotted to each one of these institutes has already increased in such measure as to enable one to understand the great benefits which these institutions will bring to the lot of women. In consequence of the opening of these professional schools there has been established at Santiago a Normal Course for the purpose of training technical teachers in the various branches of instruction in these schools for girls.

During the past year the army has made progress in military instruction; the reorganization of the higher branches has been undertaken in conformity with the usage of the most advanced nations. Laws have been enacted which increase the pay of the whole personnel of the army. The diffusion of primary instruction among the troops and the newly drafted men, who in these latter times number 25,148, has been the object of especial care, so that now a considerable number of citizens have received primary instruction. In the Military Academy the number of cadets has been increased from 100 to 150, the regulations and plan of study have been revised and a complete equipment for teaching in military science has been provided.

* * *

The navy of the Republic at present numbers eighteen armed ships and fifteen out of service. The effective number has been diminished by four by the sale of the transport "Casmo" to Ecuador, the loss of the cruiser "Presidente Pinto" and the putting out of commission of the two gunboats "Pilcomayo" and "Magallanes."

The government, profiting by the peace which is now assured to the Republic, has begun a reorganization of the navy in conformity with the needs of the country. More attention is being given to the school for

naval instruction, and soon a vessel of large size will be fitted out having accommodation for 500 persons. The directors and inspectors of the maritime service in the country report the entry and clearance of 12,551 ships having a gross tonnage of 18,770,828 tons.

The number of persons engaged in the national merchant marine and foreign ships engaged in the coasting trade in Chile is 11,131.

The fortifications at Talcahuano are being pushed forward rapidly.

The Coast Survey has finished the work which remained to be done in the Archipelago of Chilóé and the channels of Magellan.

PART II.

AGRICULTURE.

From the very beginning of its existence, Chile, occupying the southern part of South America, separated from the rest of the universe by the Pacific Ocean and the inaccessible summits of the Andes, has found it necessary to satisfy the greater part of her needs by the products of her own soil. For this reason the population of Chile, thrown upon its own resources, has become industrious and persevering. Its territory, extending along the foot of the Andes like an immense ribbon and washed throughout its whole extent by the waters of the Pacific, has in reality all sorts of climate. Its products range from the plant which flourishes in the tropics to those which grow in polar snows. In the northern part, in some watered valleys of Tacna, Tarapaca and Antofagasta, coffee, the sugar cane, the cocoa tree and cotton can be produced.

In the southern provinces are found all the cereals and plants originating in the temperate and frigid zones. In short, everything to feed its population grows in Chile. Its territory from north to south is 2,608 miles in length, from Tacna 17° 20′ south to Cape Horn 55° 59′ south. The width of this immense strip varies from 95 miles to 112. The superficial area of the country is 190,276,000 acres; its population about 4,000,000. The ratio of population to acreage is therefore about one person to 47 acres.

Abundance of territory and scarcity of population are the dominant features of Chile. France, with a superficial area of 130,000,000 acres, has a population of 38,000,000; the ratio there is consequently one person to 3½ acres.

If Chile should reach a population proportionate to that of France, she would have 54,000,000 inhabitants. Out of 123,555,000 acres in Chile which might be used for agriculture or grazing, there are not more than 25,000,000 acres which are thus employed. Agriculture in Chile, more than the other branches of national production, feels the need of labor and capital. The 50,000 laborers employed in

taking out nitrate of soda and in mining have left a void in the culture of the soil. A lack of capital and immigration arrests the agricultural development of Chile, which, with reference to its climate, may be divided into three well defined agricultural zones.

The first is the region comprised within the provinces of Tacna and Aconcagua, extending from latitude 17° 30′ to 31° 38′. In this belt rain is very infrequent.

In several valleys of the provinces of Tacna, Tarapaca, Antofagasta and Atacama it is almost unknown. Vegetation there depends wholly upon artificial irrigation; but in the watered valleys of these provinces all tropical products such as coffee, cocoa, sugar cane, cotton, etc., flourish well.

This region is the richest, because it is there that the greater part of the mineral deposits of the country are found. Several companies of capitalists are today engaged in studying the problem of irrigating the province of Tacna by means of the rivers there, the Tacna and Azufre. The same is also true of a part of the province of Tarapaca and of the immense valley called Pampa del Tamarugal, which it is proposed to irrigate by means of the river Loa.

These are undertakings of great magnitude which require careful study before beginning them, and very heavy capital to carry them out; but once executed they will give large returns to their promoters, because they will convert large tracts of arid territory into fertile plains. In the province of Atacama the vine is cultivated with great success; in the departments of Vallenar and Freirina dried raisins of excellent quality are prepared and fortified, and sweet wines which are highly esteemed. The province of Coquimbo has fertile irrigated valleys in which magnificent fruits are produced, which they are beginning to dry and export successfully. The valley of Elqui alone produces about 332,000 pounds of dried raisins a year, and more than 55,000 tons of lucern (alfalfa aprensada).

This province, Coquimbo, is one of the richest and most prosperous in Chile; its climate, like that of the other provinces, is mild and healthful; the average yearly temperature is 58° Fahr., 66° in summer and 52° in winter. In its capital, Serena, the average is 58° (63½° in summer and 52½° in winter).

The second zone comprises the region in the province of Aconcagua and Concepcion, stretching from 31° 38′ to 36° 22′. It is in this part that the real agricultural wealth lies; here vegetation develops with extraordinary vigor, production is abundant and varied, the rainfall is regular, and the soil is made fertile by

the numerous rivers which run through it. All the cereals yield here in great quantity and of excellent quality. They are an important source of our foreign exports, taken in connection with other Chilean products, such as pressed hay, honey, beeswax, cheese, butter, wine, grease, eggs, vegetables, wool, wood, pelts, hides, tanned leather, meats, fish, shell-fish, and all sorts of fresh and preserved viands. In this zone agriculture has arrived at a high degree of perfection; the climate is mild and healthful. Several distinguished foreigners who have visited Chile pronounce this tract to be one of the richest and most productive of the universe.

The thermometrical observations give the following temperatures in this belt:

	Mean.	Summer.	Winter.
Valparaiso	58½	61	50½
Santiago	58	61	46
Talca	59	69 4-5	46¼
Concepcion	58¼	66	48½

The third belt is that comprised between 36° 22′ and the southern limit of the country, or Cape Horn. This is the zone of extensive forests, broad valleys, many of them as yet unexplored, full of natural riches, suitable for colonization and almost all agricultural purposes, especially for cattle raising. Near latitude 41° the sea enters the territory and forms a large number of canals and innumerable islands. This part of the coast of Chile as far down as Cape Horn bears a remarkable resemblance to the north and west coasts of Norway. South of the 41st parallel is found the archipelago of Chiloé, made up of 96 islands; all of these are covered with thick wood, and are suitable for cattle raising. The sea in these parts is full of fish, and abounds in shell-fish in great variety.

Further south is the archipelago of Chonos, comprising more than a thousand islands of various sizes and importance, and nearly all covered with magnificent forests. In this part of the country rains are frequent, and the temperature is cool. The territory of Magellan is in this zone, with its immense herds of cattle; here also are Punta-Arenas, Tierra del Fuego, etc. This third zone is the least populous part of the country. The farmers are naturally attracted to the open country and to the crops which give the quickest returns and are also the most profitable; for that reason they sought the interior of the country and selected such crops as wheat, barley, corn, etc.

The climate of this southern part of Chile is healthful and, although somewhat cold, has no extremes of temperature.

	Av'ge temp.	Summer.	Winter.
Valdivia	49	58	45
Puerto Mont	53	58½	47½
Ancud	52½	57	47¼
Punta Arenas	45	52	37

TEMPERATURE.

The temperature in Chile is generally lower than that in corresponding parallels of north latitude. The winters and summers are in general milder, and the extremes of temperature are not such as are found in the United States. In the United States the summers are warmer than in the centre and southern part of Chile. This depends in great part upon special conditions in the southern hemisphere. The cold ocean currents which leave the antarctic regions wash the coasts of Chile; the peculiar shape of the country, which is a long, narrow strip, hemmed in between the snowy Andes and the sea, causes the temperature in Chile to be about 6° lower than that in the same latitude in other parts of the same continent. For illustration, in order to find in Chile a climate as warm as that at Buenos Ayres, it would be necessary to go 9° further north; that is to say, an equivalent temperature to that at Buenos Ayres in 34° is found in Chile, in 25° 38′.

In the first zone, or the more northerly, the rivers are not large, and their current is almost always very swift. As one goes south, that is to say, into the regions of more abundant rains, the rivers become larger. In the central region the largest rivers are found. Some of the rivers, especially the Maipo, which waters an important part of the departments of Santiago and Victoria, bring down a large quantity of alluvium which fertilizes the land upon which it is deposited.

The Maipo, particularly in the department of Santiago, plays the same role as the Nile in Egypt. It deposits a rich sediment at a time when the season of rains has passed. Thence it comes that the inundated tract is called the Llano de Maipo; it increases in fertility each year in proportion as it is cultivated and watered.

South of the 36th parallel the rivers are less rapid; the Biobo, Imperial, Tolten Valdivia, Bueno, etc., are navigable.

As we have said, the rains are irregularly distributed over the country. While it rarely rains in the north, and in some parts rain is even almost unknown, the southern part of Chile is one of the rainiest parts of the world. At Tacna, Tarapaca, Antofagasta and Atacama rain is of rare occurrence; in the province of Co-

quimbo it rains only two or three times a year. At Santiago the average is 21 days in a year. At Valparaiso 21, at Valdivia 150, at Magellan 175. But in Valdivia more water falls than at Magellan.

	Average yearly rainfall.
Serena	6¾ inches.
Santiago	16 "
Talca	22 "
Concepcion	53 "
Valdivia	112 "
Puerto-Mont	104 "

The rains occur chiefly in May, June, July and August, when it is winter in the southern hemisphere. Snow is of frequent occurrence in the mountains, but in the lower parts or the less elevated ones of the first zone it almost never falls. In the central zone, along the central valley, a snowfall is rare. Hail is still more rarely seen, and is never sufficient to damage the crops. On the other hand, sleet is frequent through the greater part of the winter and covers the fields, particularly in the mornings, in June, July and August. Thunder and lightning are of rare occurrence there. Not more than once in ten years is a stroke of lightning heard of and is mentioned as an extraordinary phenomenon; lightning rods are not used. We have never heard any authentic account of an accident caused by lightning.

WHEAT.

Wheat is successfully cultivated in Chile, especially in the region comprised in the provinces of Coquimbo and Concepcion. Good land in the province of Coquimbo, Aconagua, Valparaiso, Santiago, O'Higgins, Curico, and Talca yield from 15 to 20 bushels for one. In the vast fertile plains of ancient Araucania, now the provinces of Biobo, Malleco and Cautin, also, wheat grows well. In the third zone the harvests of this cereal are uncertain because the climate is a little too cold and the rains sometimes prevent the crop from ripening. In the provinces of Valdivia, Lanquihue, Chiloe, and in the greater part of the vast territory of Magellan and in the adjacent islands the cultivation of wheat is replaced by that of other cereals such as rye, buckwheat, oats, and almost all leguminous plants.

The annual average production of wheat in Chile of late years is about 16,000,000 bushels; a part of this is required for local consumption and milling, the remainder, from 2,500,000 to 5,000,000 bushels, is exported. It is generally shipped from Valparaiso, Talcahuano, Coquimbo and Valdivia. The production of this cereal will increase considerably in Chile in proportion as new territory shall

GRAND STAND OF SANTIAGO RACE COURSE.

be taken up for farming and immigrants come in to furnish labor. The acreage sown to wheat last year is estimated at 1,482,600 acres. When once the southern part of the country shall be colonized the wheat acreage may easily reach 15,000,000 acres. There are at least 30,000,000 acres suitable for this crop. The southern provinces, which, by reason of their climate, are not suited to the production of wheat, have of late years been producers of other kinds of grain. The land in Chile gives two crops a year, one of wheat or barley, and one of Indian corn or beans. When the Indian corn or beans are harvested in April, the sowing of wheat or barley begins. The sowing of wheat and barley on the large haciendas is done by seeders; the harvesting is also done by special machines.

The harvest season comes in January, February and March; the crop is threshed out by machines brought from the United States and Europe. The straw is baled and exported. The wheat not required for grinding is taken to the nearest port and shipped to Europe. At Valparaiso, Talcahuano, Coquimbo and Valdivia are found the greater part of the business houses, which buy and sell wheat for export.

At the end of this volume is a directory of the business houses in each Chilean port which buy and sell home products and foreign articles.

Wheat in the central provinces and on irrigated lands yields, as we have said, 15 or 20 to 1. There are landowners in Chile who harvest from 100 to 150,000 bushels a year on their farms. Beans yield from 12 to 16 bushels an acre.

The topography of the country makes the transportation of crops to a port of shipment an easy matter. During the summer and autumn months there is a large movement of heavy trains busied in transporting the harvest from one part of the country to another. During these six months the business activity is an interesting sight; bustling with animation, stirred with feverish excitement, the cities in the agricultural provinces of Chile lose their appearance of old Spanish cities, and are transformed into human beehives, as by enchantment.

The country, especially in the agricultural part, is gridironed with railways.

The exports from Chile of wheat, bran of wheat, wheat flour, vermicelli and hardtack to foreign countries was as follows:

	Wheat (tons).	Bran of wheat (tons).	Wheat flour (tons).	Vermicelli (lbs.).	Hardtack (lbs.).
Germany	1.0	13.852	....	....	....
Guatemala	10.0	1.851	....	....	....
Ecuador	1.5	....	....	....	....

	Wheat (tons).	Bran of wheat (tons).	Wheat flour (tons).	Vermicelli (lbs.).	Hardtack (lbs.).
Peru	5,483.0	....	3.274	8.000	46.300
Bolivia	105.0	....	3.759	62.000	23.600
Argentine	210.0	....	.237	2.720	.400
Brazil	....	....	....	....	....
Belgium	....	1.030	....	....	....
Panama	....	....	.065	....	....
Great Britain	2,165.0	1.189	1.650	....	....
Falkland Islands	....	....	.103	....	....
France	....	....	....	....	.340
	7,975.5	17,922	9.088	72.700	70.640

BARLEY.

Barley and oats also grow very well in the same parts where wheat thrives, but they endure the more rigorous climate of the southern part better than wheat. The exportation of barley is a commerce of some importance; the quality of the grain is excellent, it is shipped out either in its natural condition, or converted into malt, for the manufacture of beer. For some years Chilean barleys and malts have been held in high esteem by English and German brewers.

INDIAN CORN, BEANS, VETCHES, PEAS, LENTILS AND POTATOES.

Corn is very successfully cultivated in the northern and central parts of Chile as far south as 36°. In the irrigated valleys of Tacna, Atacama, Coquimbo and Aconcagua the farmers harvest two crops of it a year, and the stalks grow to a height of 6½ feet. South of the province of Concepcion corn does not grow.

Beans, vetches, lentils and peas are cultivated on a large scale in Chile, and form a large part of the food of the laboring classes. Beans and peas particularly are largely cultivated in all the provinces of the north and centre, and more or less in the same localities as corn. Lentils and peas are cultivated to the south of the 36th parallel because these vegetables stand frost better than corn.

The provinces of Aconcagua, Santiago, O'Higgins, Colchagua, Curico and Talca are celebrated for their adaptability to the culture of corn, beans, etc.

The provinces of Maule, Nuble and Concepcion are known for their production of lentils and peas. The Chilean lentil leads in the markets. Potato culture occupies a prominent place in agriculture, and in particular the potatoes of the provinces of Concepcion, Valdivia, Lanquihue and Chiloe are celebrated for their

quality. The potato in these provinces yields the very large return of 275 to 350 bushels to the acre. A lack of rapid transportation and of low rates of freight has hitherto hindered the export of potatoes in any considerable quantities, but the potato will become one of the important articles of commerce as soon as regular lines of fast steamships shall be established between Chilean, American and European ports carrying freight at low rates.

The exports from Chile of barley, maize, oats and rye to foreign countries was as follows:

	Barley (tons).	Barley malt (tons).	Oats (tons).	Maize (tons).	Rye (tons).
Great Britain	34,346.00	350.30	6,629.30	.....	46.75
Germany	6,503.30	.....	1,028.65	69.00	692.50
France	14.20	.....	181.60	.....	.....
Belgium	200.60	.....	.....	.....	.....
Italy	58.90	.....	.....	.....	.....
United States	51.30	.....	.....	.....	.....
Panama	7.30	.....	.....	91.00	.....
Guatemala	53.60	233.67	.....	.....	.....
Peru	1,868.30	1,172.99	9.51	275.00	.....
Bolivia	2,059.80	.....	.....	25.00	.....
Argentine	1.20	.....	.....	.....	.....
Costa R. & Nic.	.....	.....	.....	56.80	.....
Falkland Islands	.....	.....	.....	1.80	.....
Uruguay	.....	.....	.....	6.76	.....
	45,194.50	1,756.96	7,849.06	525.36	739.25

PRESSED LUCERN.

Lucern is cultivated on a large scale and with great success in Chile as a forage plant; its importance is increasing each year. Lucern is at present cultivated in the central zone, and particularly in the provinces of Coquimbo, Aconcagua, Santiago, O'Higgins and Colchagua. Here the lucern may be said to be in its element, for although the plant is really the European lucern (mendicago Sativa), the climate of Chile has caused it to undergo such a modification that a great English botanist, John Lin Aley, has given it the name of Mendicago Alfalfa Chilensis.

In the provinces we have named a southern exposure is chosen, and preferably a deep soil which does not retain water; as soon as the soil is irrigated, the seed is sown at a slight depth, and then immediately irrigated. On suitable soil the plant grows rapidly and becomes tall enough to cover cattle. The roots go down 9 or 10 feet. Some haciendas in these provinces have as many as 4,500 acres of

lucern. It yields three crops a year, and is cut by machines imported from Europe and from the United States; the first crop is taken off in spring, the second in summer, and the third at the beginning of autumn. The third crop is the best; as soon as it is harvested it is taken to a press on the farm and by means of powerful hydraulic presses compressed into bales of 100 lbs. each. These are exported, each bale bearing the brand of the grower. In these provinces, owing to the mildness of the winters and the great extent of prairie, it is not necessary to cut hay for cattle; they graze in the open fields, and always find pasturage enough, for vegetation is never completely checked. An acre of land devoted to lucern gives an annual net profit of $60 to $70, American money. This industry, like all others in Chile, is at present restricted by lack of capital and scarcity of labor. Capital and immigration, as we have remarked at the outset, are the only things needed to make Chile a great farming country.

To enumerate all the agricultural plants of the country devoted to raising and pressing lucern would be tedious; our readers will find at the end of this volume an enumeration of the chief agricultural producers. The production of lucern is destined to be a great industry in Chile by reason of the great extent of suitable soil and the excellent quality of the product.

The export of pressed lucern from Chile to the foreign countries was as follows:

	Tons.		Tons.
Great Britain	580.25	Ecuador	88.90
Greece	14.50	Guatemala	7.80
Panama	1,042.25	Peru and Bolivia	4,122.00

FRUIT TREES.

All the fruit trees of the temperate regions of Europe and California are cultivated in the provinces of Central and Northern Chile, especially in the rich deep soils of the central valley. The fruits are of excellent quality. Figs yield splendidly in the northern provinces; whenever a small stream of water supports vegetation the fig flourishes as far down as Atacama. Of late years considerable commerce in dried figs has sprung up, not only within the country, but also for export.

The olive and pomegranate do well in the warm parts of Chile. The peach, apricot, cherry, almond, nut, apple and pear are excellent in Chile, and in time these products, dry and preserved, will form one of the most important articles

of export. Many of these trees have reproduced to such an extent that they are wild in the mountains. The apple, for instance, in the provinces of Valdivia, Cautin and Llanquihue is found wild in groves of 150 to 250 acres in places where one would not suppose the foot of man had ever penetrated. In these localities the trees yield good fruit, which is used in making cider.

The chestnut, orange tree, lemon tree and cedrat grow admirably and yield fruit of excellent quality throughout Central Chile as far south as 36°.

Of late years the government has encouraged farmers to set out fruit trees, and in view of the good results obtained from orchards a constantly increasing number of proprietors are taking an interest in this new element of national wealth.

The exports, in tons, of nuts, cocoanuts, almonds, dried fruit and raisins from Chile to foreign countries are shown in the following table:

	Nuts.	Cocoanuts.	Almonds.	D'd Fruit.	Raisins.
Great Britain.....	...	...	...	0.55	1.34
Germany	...	...	...	3.22	1.23
United States.....	134.50	...	1.10	...	0.42
France	...	...	3.19	...	...
Panama	...	...	...	1.60	...
Ecuador	6.10	37.50	...	10.07	54.74
Peru and Bolivia...	96.80	33.21	...	52.10	77.77
Argentina	937.55	6.10	...	59.55	1.80
Brazil	344.75	...	...	2.60	1.20
Uruguay	344.45	2.40	9.80	90.50	...

HEMP AND FLAX.

With the exception of hemp and flax, the industrial plants cultivated in Chile are of little importance. These plants are of very good quality and are cultivated in the deep and irrigated lands of the longitudinal valley, especially in Aconcagua, Valparaiso, Santiago, O'Higgins and Colchagua. Flax is cultivated particularly as a plant yielding oil and not for textile purposes, and, as we have previously remarked, it would be interesting, from the point of view of the development of commerce, to bring a cargo of flax fibre here as an experiment, to work it up into manufactured articles.

The exports of different kinds of seeds from Chile to foreign countries, including lucerne, clover, hemp and various others for agriculture, begin to increase somewhat in importance, as shown by the following data, taken from the Chilean statistics. Seeds were exported to:

Germany	230.17	Peru and Bolivia	13.90
Great Britain	2,203.03	Argentina	11.15
France	25.11	Uruguay	5.15
United States	5.70		

VINEYARDS.

Chile is divided for purposes of vine culture into three different zones. The first comprises the territory between the northern boundary and the province of Aconcagua; the second begins at the province of Aconcagua and extends as far as the river Maule, which separates the provinces of Talca from those of Linares and Maule; and the third, from the river Maule southwardly. The first zone includes the region of strong, sweet wines of the character of sherry, port and Malaga, of aromatic alcohol obtained by the distillation of wines and sweet fruits. The second zone is that of wines obtained from French roots; the Bordeaux which is produced in this region is equal in quality to the best French wines. The brands Ochagavia, Urmeneta, Errazuriz Panquehue, Sanfuentes, Concha y Toro, Tocornal, Subercasseaux, Cousino-Macul, Providencia, Larrain, Vial, etc., when eight or ten years old, are equal to the most famous French brands of the same age. All these wines are superior in quality and can be advantageously compared with the best French wines. The third zone is that of wines generally used for distillation. South of Valdivia there is no vine cultivated, except a sort of Chasselas de Fontainebleau. The yield of wine in Chile is about 80,000,000 gallons a year, and is only in its infancy. This industry will develop to ten or fifteen times its present proportions, if only a market can be found for the products.

The following is a statement of the yield per acre of vineyard for a year and the quality of the product:

	Yield per acre.	Alcoholic strength.
First zone, irrigated vines	2,500 quarts	11
Second zone, irrigated vines	2,500 "	10
Second zone, unirrigated land	1,200 "	11
Third zone, irrigated land	2,000 "	9
Third zone, dry land	1,200 "	10

The exportation of wine has not been important. The government encourages export by a bounty which amounts to about 2 cents (A. M.) a gallon. Wines for export can be bought in Chile the present year at the following prices: Fortified sweet wines from the northern provinces, like sherry, port and Malaga,

7 to 9 cents (A. M.) a gallon. This year wine like Bordeaux wines in character, 5 or 6 cents (A. M.) a gallon. In the southern parts wines can be bought at 2 and 3 cents a gallon. From this should be deducted the export bounty offered by the government, amounting to 2 cents a gallon. The importation of foreign wines which is annually made in the United States shows clearly that importing Chilean wines would be a good business, more especially as merchants have the benefit of the export bounty.

MEDICINAL HERBS.

Although medicinal plants are not cultivated in the country, they are found in great abundance in the mountains. They are popularly used medicinally, and are beginning to be exported in considerable quantities. It is impossible to enumerate all the varieties here, and we shall confine ourselves to mentioning the most important sorts. The Boldo (Peumus Boldus) is a tree indigenous to the country, whose leaves resemble those of the periwinkle; they are exported to Europe in large quantities and are used with much success in diseases of the liver and some other affections. From the leaves are prepared in European pharmacies, particularly in Germany, divers extracts, syrups, dyes and cordials. The Boldo possesses very energetic tonic and stimulating properties.

Canchalagua (Erythoca or Chironia Chilensis) is like the little century, and although much smaller possesses far more active properties. It is used with success as a febrifuge and replaces quinine in the treatment of fevers, anæmia and pleurisy.

There is also an innumerable number of plants which are in popular use in Chile for medicinal purposes, the exportation of which increases each year. Among these we will mention the following herbs: Paico, mallico, piche, guayacol, natri-guanil, diego de la noche, pircum, palqui, matico, etc. Among these herbs are some which possess remarkable medicinal properties, and it would be well if they were carefully studied by medical societies and hospitals in the United States. The fact must not be lost sight of that commerce in America is importing large quantities of medicinal herbs.

QUILLAY, LINGUE, ULMO.

We must mention three Chilean products from which great profits might be made in the United States. The quillay is a fine tree which grows wild in the

central part of Chile as far south as the 31st parallel, forming thick forests. It belongs to the rosaceous family and is the Quillaja Saponaria. It is always green; its bark contains a principle which is used as a substitute for soap. In Europe this bark is known as Panama wood and is used by dyers on delicate shades which cannot withstand ordinary soap. It is very desirable for cleansing fine linens and silk tissues. The great silk industries at Lyons are beginning to use quillay in preference to any other soap. There is an extract of it now made in Chile that is better adapted to export trade than the bark, because all the active principles of the bark are thus concentrated in small volume. We know two factories in Chile which prepare this extract for export: one is that of Messrs. Elso & Co., and the other of Messrs. Cruz Montt & Co. Both are situated at Santiago.

The lingue and ulmo are two trees whose bark contains considerable quantities of tannin, which might be used with a good deal of success in dyeing and in tanning skins. The lingue (Persa Lingue) forms impenetrable thickets in the southern part of Chile, which extend as far as 34°. It is much used in Chile in the tanning industry because it has great advantages over all other known trees for tanning leather. The ulmo is a beautiful tree, which also forms dense forests in the southern provinces. The trunk of this tree is covered with a beautiful red bark 10 or 12 inches thick and produces a very handsome effect in the midst of the dark forests. These trees have no value in Chile and the bark can be bought readily in places where it is produced for 80 cents or $1 a hundred pounds. It would be necessary for capitalists to take hold of the preparation of these products on a large scale, and thus the tannic extracts would not only benefit the commerce of the country, but also the tanning industry in general.

The export of bark of quillay in 1905 from Chile to foreign countries was as follows:

Countries.	Tons.	Countries.	Tons.
Great Britain	202.95	Ecuador	1.35
Germany	1,024.36	Peru and Bolivia	54.77
France	383.38	Argentina	5.84
Belgium	31.32	Uruguay	1.64
United States	88.95		

The bark of lingue, a tanning material of superior grade for the preparation of hides, was first exported last year. Although the quantity exported was

MR. ENRIQUE CONCHA'S RESIDENCE, SANTIAGO.

moderate, we believe that in a few years this article will be one of the most important for export. The export was only 4.64 tons to France, 574.80 to Peru and 36.00 tons to Argentina.

LUMBER.

As was remarked at the beginning of this chapter, the southern part of the country and the adjacent islands are very rich, and the whole region is an unbroken forest, in which many different kinds of lumber may be found. Chile has more than 50,000,000 acres of natural forest, but to develop an export trade in lumber capital and low rates of freight are needed. We believe that it would be a good venture now for merchants to ship from Chile to the United States cargoes of logs and timber. By using sailing vessels the cost of the raw material would not be greatly increased by freight charges. Here in the United States the industrial establishments are equipped to handle logs, while in Chile such operations are inconvenient and expensive, and for that reason the greater part of the forest products are lost, and with them a considerable part of the wealth of the country. The importance which this export commerce of logs from Chile might assume may be understood by estimating the imports of foreign lumber to the United States last year.

CATTLE RAISING.

The rearing of beeves, sheep, horses, etc., is one of the most profitable agricultural operations in Chile. The lands in the south—sheltered, healthful, rich in pasturage and well watered—lend themselves admirably to this industry. The climate and the food have considerably changed the quality of quadrupeds of foreign origin.

Horses.—The Chilean horse is a descendant of the Andalusian breed. By living constantly in the open air and becoming accustomed to the climate of the mountains he has acquired the vigor and energy necessary for long drives, while his endurance is such that he can work all day with less care and less food than the European or American horse. Once broken, the Chilean horse is so docile that during military manœuvres the soldiers dismount, compel the horse to lie down at the word of command, and each rider uses his horse as a rest for his rifle, while the animal remains motionless during the firing, and gets up only when, at the close of the drill, he receives the word of command. Because of these qualities the Chilean horse is highly esteemed for the light cavalry

of modern armies. Thanks to the facilities for breeding them, which have been mentioned, these horses can be sold at a low price in Chile. A young animal 2 to 4 years old, of average quality, is worth from $20 to $30, and a horse of the best class $60 to $70 (A. M.). It is unusual that these prices are exceeded.

The bovine race flourishes very well in the southern and central provinces, where there is sufficient land for rearing cattle on a scale not only to supply the wants of the country, but also to provide a large number for export. There is not there at present a fourth part of the quantity which could be raised, and which will be found there in a few years, or so soon as the necessary capital shall be forthcoming for the purpose.

The total territory of Chile is 190,000,000 acres. If we take into account only the provinces of Santiago and the territory south of it they would afford a tract of 90,000,000 acres suitable for cattle rearing, although the provinces of Aconcagua, Valparaiso and Coquimbo, lying to the north, which we do not include, are also very well adapted to cattle breeding. If this tract of 90,000,000 acres contained the same proportion of cattle to the acre as France the southern part of Chile would maintain 32,000,000 head of horned cattle. The number there at present does not exceed 9,000,000. Why is not this industry followed more generally?

In our opinion, it is because capitalists prefer to place their money nearer to cities in other kinds of business. The rapid increase of wealth in the country has developed habits of luxury which are not compatible with the labor and privation of farm life. Moreover, the great operations carried on in mining nitrate of soda, copper and silver have drawn to the northern part of the country a considerable portion of the population which was formerly employed in farm labor, and this to the detriment of real national wealth.

A remedy for this evil, and at the same time an advantage to capitalists, would be the establishment in the country of institutions to facilitate the purchase of cattle by farmers. There is room to put in operation in Chile on a large scale a system of loaning out cattle to farmers on the plan in operation in France by the Caisse de Credit Agricoles at Baume-les-Dames, an institution founded by its vice-president. Such an institution would be an excellent thing for the country. We give below a copy of a form of contract in use at Baume-les-Dames for loaning cattle to French farmers. We believe a similar system would fill an existing want in Chile and would be advantageous alike

to capitalists who might found it and farmers who might enter into contracts under it. The conditions are substantially as follows:

1. The loaning company turns over to Mr. A. as a loan, and subject to the conditions named below, the following animals, insured by a cattle insurance company:

2. A. agrees to care for and feed the cattle confided to him with all possible care, and to become responsible for all expense of feeding.

3. Although the loaning company reserves to itself the exclusive ownership of the animals, the lessee, A., is responsible for all accidents and casualties, even though arising from no fault of his own.

4. In case of the loss of an animal, the loaning company, as the sole owner, would be entitled to receive the indemnity, and the lessee, A., would pay any difference which there might be between the said indemnity and the actual cost of the animal.

5. All profits accruing from the sale of an animal would revert to the lessee, and the loaning company would be entitled only to the interest at the rate agreed upon on the sum loaned.

As lands for cattle breeding in Chile are very cheap, and cattle thrive well there, Chilean farmers on such a contract as the above could easily pay 8 or 9 per cent interest on the loan. An acre of good land in the southern provinces of Chile can be had for $2 or $3 (A. M.) and will support three or four cows. Capital employed in such a contract in Chile would be safe, because all animals are branded with a hot iron bearing the initials of the proprietor or a private mark to identify his property. A company writing insurance to cover the mortality of the cattle would cover the risk by making the loss, if any, payable to the capitalist. The farmer, on his part, would find, by means of these contracts, all the capital necessary to establish himself, and thus the money which it was formerly necessary to use in the purchase of animals could be employed in other remunerative labors, such as planting new crops, buying machinery, etc.

Contracts for leasing cattle are, in our own opinion, destined to add value to the 75,000,000 acres in Chile adapted to cattle raising, and which at present are not utilized by reason of a lack of capital on the part of the farmer.

If the persons charged with loaning such funds in Chile should act with skill and prudence the result of such contracts could not be doubtful, because the laws regulating these matters are the same in Chile as in France, and the

form of contract would therefore be identical. In both countries the contract would have the same base, because the necessity exists in both, and because it would benefit the farmer and the capitalist alike. It would be necessary at the signing of the contract between the company loaning the cattle and the farmer to establish these points:

1. That the contract to loan the cattle is a customary one, whereby the farmer binds himself, in case he cannot pay for the cattle, to return the same animals with the identical brand, which is evidence of the capitalist's ownership.

2. The insurance of the animals by a cattle insuring company in the name of the loaning company; and, lastly, that the farmer should give a bond of indemnity sufficient to cover all possible losses under the contract.

With such precautions there are no risks in the operation.

We believe that foreign capital will find in this field in Chile its widest and safest field.

In the territory of Magellan there is an excellent field for breeding cattle. The territory, which contains about 48,000,000 acres, is destined to a great future. It owes its present prosperity to sheep breeding and to the discovery of placer mines. The annual exportation of wool from Magellan reaches 120,000,000 or 130,000,000 pounds. The annual exportation of sheepskins amounts to $260,000 or $280,000; of sealskins, to $150,000. The annual production of sheep is as follows:

Tierra del Fuego	1,200,000
Adjacent islands	225,000
Territory of Magellan	2,750,000

In no country other than Chile do the flocks yield such a percentage of lambs—115 or 120 for 100 ewes. The sheep in these regions appear to have originated there; they yield a strong, very fine wool.

To give an idea of the fortunes accruing from this industry it is only necessary to remark the sudden fortunes made by breeders in Magellan, who, beginning with a capital of $6,000 to $10,000 ten or fifteen years ago, are now owners of flocks of from 60,000 to 90,000 head.

PELTRY.

The commerce in fur skins is quite important in Chile. There are many varieties of animals which yield a fur bearing skin. Among these the chinchillas are the most esteemed. There is no one in Europe or in the United

States who has not observed the elegant, soft furs of a beautiful silver gray called chinchilla, and which are not less valuable than sable, marten and ermine. These skins, so handsome to the eye, so soft to the touch, are exported from Chile to the United States and Europe in large quantities.

The following table shows the exportation of chinchilla skins from Chile during the last few years:

1904	229,180	1901	385,740
1903	299,260	1900	370,956
1902	236,940	1899	435,576

The raw skins sell in Valparaiso at about $16 to $20 a dozen. They pay no entry duty in Europe nor in the United States. On arrival they are dressed by furriers at a cost of $2 per dozen. When prepared they sell for $70 or $80 per dozen. This price is for tanned skins without any other preparation. There is evidently a large margin between the price of the raw skins in Chile and the selling price of the tanned skins.

The chinchilla is a rodent quite abundant in the northern part of Chile between the Andes and the Coast Range, but is not found south of 32°. During the time when the fur was very much in fashion the export of skins reached such a figure that it was found necessary in Chile to enact laws regulating the capture of them in order to prevent the extermination of the species. In the north of Chile hunting this animal is prejudicial to the mining industry, for during the open season the miners prefer to hunt rather than to mine, as the former occupation is more profitable. A hunter can kill six or eight animals a day, and they are worth $10 or $12 a dozen. They are readily bought by export houses.

Side by side with the chinchilla there is another animal resembling it, but with a fur not so long nor so soft and silky; it is called the vizcacha, and is known in the markets as bastard chinchilla. Besides these there are other animals whose skins are sought for export, such as the otter, the seal, the mole and the polecat. Deerskins (Cervus Chilensis) are also exported, and the skins of the little Chilean lion (Felis Concolar).

VICUNA, ALPACA, GUANACO.

The vicuna, alpaca and guanaco, with reason called the camels of the new world, are animals which yield wool and pelts of great value, and whose acquisition might be of great importance for the United States. The wool of the

vicuna is the finest known; none other in the world can be compared with it, not even the cashmere.

Vicunas and alpacas are found in the northern provinces of Chile, and the guanaco throughout the country, even in the territory of Magellan. The wool of the animals is highly prized for weaving by reason of its length, lustre and flexibility; it sometimes grows to a length of eight to ten inches. These animals are indigenous to the Andes, especially the guanaco, which is found in the highest mountains in Chile, where it climbs the loftiest rocks with the ease of a goat. Its fleece is very much esteemed, and it is woven into cloth and made into garments which are very highly valued. The animal is the size of a small horse; they go in flocks of 500 to 800, and descend to the lower valleys only when the snow covers the mountains.

Vicunas, alpacas and guanacos would readily acclimate themselves in the United States in the mountains of the West. They live on grass of any kind. It would be necessary to bring the animals from Chile and breed them in the mountains, either by private initiative or under the auspices of the government. They would be a new and important source of wealth of the country.

BIRDS, GAME, FOWLS.

Birds and game are very numerous with us, and, according to naturalists, consist of varieties not found elsewhere. Among wild birds, the largest is the condor. This bird is on the escutcheon of Chile. It is a large, heavy, courageous bird which lives in the Andes and attacks sheep, calves, goats and even larger animals. There is some commerce in the feathers and skins of these great birds of prey, which are exported to Europe as ornaments. A condor skin is worth at Valparaiso from $1.60 to $2.00 (A. M.).

There are several species of the pigeon family in Chile, and there is good shooting in the fields. Among them there are two varieties of very good quality —the torcaza and the tortola.

Among gallinaceous fowl there are some of very good quality. The partridge and snipe are also very abundant. In Southern Chile and in Tierra del Fuego the American ostrich is found. It is highly prized for the quantity and softness of its feathers, which are a considerable article of commerce. There is another bird whose feathers are much sought for exportation; it is a species of stork called garza (Ardea Egreta), a bird of spotless white plumage and beauti-

ful shape; its tuft of purest white is exported to Europe to make ornaments of luxury. Among web-footed birds there are some very remarkable for their beauty, as the beautiful swans with black heads, which are very abundant in the lakes and archipelagos of Southern Chile. These bodies of water are covered with a thick growth of aquatic plants, which shelter an innumerable quantity of birds of all sorts. Swans in some of these places cover the water like snow. In addition to the above there are multitudes of other birds, especially in the beautiful fields of the south, which make the shooting abundant and make living cheap for the inhabitants. Reptiles are rare in Chile, and there are no venomous ones. The fish in the rivers of the southern part of the country are numerous and of good quality. Among them the most abundant and the best is the perjerey. Fishing in the southern waters and preserving shellfish and fish is one of the industries destined to a great future in Chile. Among the crustacea there are "camarones," crawfish and lobsters. The first two species are found all along the coast, the lobster in the island of Juan Fernandez. Among mollusks there is a species of oyster found in the south, principally in the archipelago of Chile, which is an immense nursery for all sorts of fish.

BEES.

The mild climate and abundant vegetation from the province of Coquimbo to the territory of Magellan provide inexhaustible stores of food for bees in the mountains of Chile.

Forty years ago Mr. Patricio Larrain Gandarillas, a Chilean, to whom the country is indebted for many other kinds of agricultural and industrial progress, loaded a ship in Italy for his own acount, and thus introduced the first bees, which he acclimated on one of his haciendas. From that time apiculture has so much developed in the country that the production of honey and beeswax is among its most considerable agricultural industries.

Chilean honey stands high in foreign markets, and for that reason generally brings a higher price than that from other countries. In a few years the quantity exported will be five or six times as great as at present.

The bee in Chile is very active and industrious and perfectly adapted to the climate of the country. Bee raising is very lucrative. It is estimated that on the bee farms each hive yields an average of 50 pounds of honey, which at $7 (A. M.) per 100 pounds would leave considerable profit. Each hive, with its

bees, is worth $3 or $4. Deducting $1 for interest, depreciation and expense of each hive, there remains a profit of $2 or $3 on each. Thus, in any case the industry must yield a return of 50 per cent per annum. The system of farming on shares has begun to be adopted by some apiculturists and has yielded good results. The net returns from this system, all costs deducted, are 20 per cent per annum for each party. It will thus be seen that Chile offers good returns in each of these branches.

The export of purified wax from Chile to foreign countries during 1905 was as follows:

Countries.	Lbs.	Countries.	Lbs.
Great Britain	145,000	France	57,000
Germany	625,000	United States	3,800

The export of honey as follows:

Countries.	Lbs.	Countries.	Lbs.
Great Britain	683,000	Belgium	2,340
Germany	3,300,000	Panama, Bolivia and Argentina	1,000
France	670,000		

GENERAL REMARKS UPON AGRICULTURE IN CHILE.

Without doubt agriculture and mining are the most important industries in Chile; they furnish a livelihood to the greater part of the population, and at the same time contribute to the national wealth by their products. By reason of the climate, extent of territory and fertility of the soil and abundance of water, agriculture must continue to progress from year to year. These industries, however, cannot advance without human support; they must be aided by the advance from year to year made in the method of working; for this reason the Government of Chile, as well as its private citizens, is continually striving to improve agricultural methods. To this end Normal schools and experiment stations have been established in the principal cities to make capable farmers. To this end, also, means of communication are constantly increased, new roads are opened, railways built, rivers made navigable, and already in such provinces as Bio-Bio, Cautin and Valdivia rates of freight are relatively low. With this same end in view, information is distributed through the country in regard to the products valuable for export, meetings are held among farmers to stimulate them, and thus devise better agricultural methods. These things are the result of a great movement through the country in favor of agriculture, which for twenty years past had been neglected.

It is believed that many commodities imported into the United States could

SQUARE OF SANTIAGO, SHOWING GOVERNOR'S OFFICE.

be purchased more advantageously direct in Chilean markets; such as wines, flax, lumber, etc. These articles exist in abundance in Chile, and with the necessary capital and labor might be produced in quantities entirely sufficient to the wants of the markets of the United States.

COLONIZATION AND IMMIGRATION.

Ordinances and Contracts.—We shall treat briefly one of these points which at present must concern the development of Chile; we mean colonization.

The characteristic feature of Chile is sparseness of population and abundance of territory. For this reason the Government is much interested in the problem, and is willing to give to farmers and others who wish to establish themselves there the greatest possible advantages and guarantees. To succeed in Chile a small capital is required with which to begin operations. Force of character, however exceptional, is not sufficient to achieve a fortune. There are naturally many people who, without other resource than their labor, have made a fortune in mining in Chile, but such instances are not frequent. It is necessary to have some capital to begin. Still less is the country fitted for those who, without pecuniary resources, have neither trade nor vocation. Such strangers, ignorant of the customs and language of the country, find it necessary to return home without having accomplished anything. On the other hand, there is a wide field in Chile for persons wishing to engage in agriculture, mining or other industries, or in commerce, and who bring with them their labor, a disposition to work, a knowledge of their business, and the resources necessary to establish them according to their needs. It is proper to say here that the word colonization is not used in Chile in the sense in which it is employed in Europe. In Europe it means establishing a population under governmental encouragement in a territory already inhabited, which population is to remain under the flag and subject to the control of the home government. Colonization means in Chile turning over a part of Chilean territory which belongs to the State and has never been in the possession of private individuals.

The following table shows approximately the land in different parts of Chile which the State intends to open to colonization:

Provinces.	Approximate superficial area.
Arauco	375,000 acres
Malleco	250,000 "
Cautin	700,000 "
Valdivia	1,500,000 "

Llanquihue	1,225,000 acres
Chiloe	475,000 "
Territory of Magellan, Tierra del Fuego, Islands of Dawson, Navarin, etc.	25,000,000 "
Total	29,535,000 acres

The State therefore offers about 30,000,000 acres for colonization in the southern part. This colonization is undertaken either directly by the State or by persons and private companies which have been so authorized. In the first case the State aids every free immigrant to reach the territory. By paying his passage at a reduced rate and entering Chile without being under contract, they may, under the laws of the Republic, become colonists; that is to say, owners of a tract of land given to them free if they meet the following conditions:

(1) Free immigrants wishing to colonize are settled on treasury lands situated south of the Bio-Bio.

(2) Applicants on their arrival in Chile must send an application to the Minister of Colonization (at Santiago) accompanied by the following certificates: Nationality, correct life and morals, marriage, knowledge of agricultural labor.

(3) The Minister of Colonization, upon the report of the Inspector General, accords the rights of colonist to applicants who fill the above conditions.

(4) A transcript of such decree gives the Inspector General the power to install the colonist and to turn over to him provisionally the parcel of land conceded.

(5) The colonist receives 100 acres of land and an additional 40 acres for each male child above 12 years of age. Free transportation with his family and baggage from his port of landing to the colony.

(6) On his part the colonist binds himself:

To settle with his family on the tract and work it in person for five years, during which time he may not absent himself from the colony without the permission of the director or his representatives, which absence if granted may not exceed four months in the year.

The land must be completely enclosed within a period of three years.

The colonist may not alienate his land nor give any contract or promise of whatever nature which would deprive him of free possession and enjoyment of the land, until at such a time as he shall have received from the Government of Chile a conveyance vesting the title in him.

The colonist, within the same three years, shall make improvements on his claim to the value of $200.

The colonist binds himself to respect all laws enacted by the Government for the preservation of order in the colonies.

(7) The Minister of Colonization gives the colonist the title to the property whenever the latter has furnished satisfactory evidence that he has resided five years on the property and has fulfilled the required conditions.

(8) In case of non-compliance on the part of the colonist, the Inspector General is authorized to enter into possession in the name of the State, and the colonist has no claim for indemnity by reason of any improvements which he may have made.

(9) The colonist is under obligation to surrender without compensation any land necessary for public or local highways which a competent authority may decide to open. And likewise to convey without compensation any land which may be required for State railways, provided that the right of way thus taken does not exceed 45 feet. The Government reserves to itself in all cases the right of defining and revising in its own judgment the boundaries of the concession.

(10) The Inspector General gives the colonist in all cases a duplicate copy of the contract embodying the above conditions. The Government agents issue to farmers and mechanics who have good certificates of moral character tickets from Liverpool to Chile at the following prices: In third class $16 for adults, $8 for each child between the ages of 6 and 12, $4 for each child between the ages of 2 and 6; one child under two years of age is carried free; if there be more than one, the others pay $4 each. Family rooms having from four to six berths can be had on the ships by paying $10 extra for each full ticket. Food is included in these prices.

Second class tickets can be had for $100 for each full ticket.

The journey to the port of sailing is at the cost of the emigrant, but the agents will aid them in procuring such reductions as are obtainable from certain railways and steamship companies. Free railway tickets are given to immigrants on their arrival in Chile to take them into the interior. For this purpose on sailing from Europe they are presented with "emigrant cards," which are taken up, when they go ashore, in exchange for railway tickets. Bachelors up to the age of 40 are received, and married people with children up to 50. Manufacturers have the right to the gratuitous transportation of two tons of material. Immigrant baggage is carried free on Chilean railways.

Immigrants have the right on shipboard to 200 lbs. of baggage free for each full ticket, and from 50 to 100 lbs. for each child, according to age. The excess must be paid to the agent of the company at the port of sailing at the rate of $8 for 200 lbs. We append a table of the wages and salaries paid in Chile, from which it appears, in view of the low cost of living, that a good workman who knows his trade can lay by a third or even a half of his wages. For those who have saved up a little capital opportunities for placing money advantageously are so numerous that it is easy to acquire a small fortune in a few years.

Trade or profession.	Salary or wages. American money.
Masons, per day	$2.50 to $3.50
Carpenters, per day	2.50 to 3.50
Cabinet makers, per day	3.00 to 4.50
Millwrights, per day	3.00 to 4.50
Tinsmiths, per day	3.00 to 4.50
Mechanicians, per day	3.00 to 4.50
Blacksmiths, per day	3.00 to 4.50
Painters, per day	3.00 to 4.50
Tailors, per day	3.00 to 4.50
Private coachmen, boarded and lodged, per month	20.00 to 30.00
Female domestics, per month	30.00 to 60.00
Washerwomen, per dozen pieces	1.00 to 2.00
Teachers of languages, singing and piano, per lesson	2.00 to 3.00
Farmers, with lodging and 10% of harvest, per month	20.00 to 30.00
Gardeners, per month	30.00 to 40.00
Cheese makers (foremen), boarded and lodged, per month	30.00 to 40.00
Cheese makers (workmen), lodged, per month	20.00 to 30.00
Vine dressers, per year	600.00 to 1,200

Lodgings.—An unfurnished room in the principal cities is worth from $8 to $10 a month. A small house of three or four rooms with a yard, $10 to $20 a month.

Among the many contracts for colonization we give a copy of one entered into between the Government of Chile and Francisco Sanchez Ruiz for the colonization of a part of the Government lands in the province of Cautin, between the rivers Imperial and Tolten.

Mr. Sanchez Ruiz undertook to introduce into Chile 300 families of farmers and fishermen to found a colony.

During the first year (which was 1903) he undertook to bring in 25 families and the others in the following years. He undertook to provide for the expenses of the contract and the embarkation of the colonists. The Government granted Mr. Sanchez, for each colonist landed in Chile, a tract of 375 acres of land for

each father of a family, and 187½ acres additional for each son above 16 years of age. The Government also agreed to give the land necessary to form a cluster in which the immigrants and manufacturers might establish themselves; moreover, to furnish gratuitously the first year's medical attendance, drugs, $3.50 to each father of family and one-half that amount for each son above 10 years of age from the time of their arrival in Chile monthly until they receive their concession. Moreover, during the whole of the first year the Government agrees to give each family $7.00 a month and advance the animals, tools, and utensils necessary to work his claim, these advances to be repaid by the colonist or by the contractor in six annual payments without interest, dating from the fourth year of the loan. The contractor has six years from January 1, 1903, to bring in the families. The contract above quoted is substantially the model for all the contracts which the Government has executed with private companies or societies which wish to undertake the colonization of the southern part of Chile.

Contractors make large profits out of such contracts. Out of every 375 acres per colonist which the Government allots them, the contractors generally reserve one-half for their labors. In a contract in which the Government turns over 1,250,000 acres, there generally remains a tract of from 500,000 to 750,000 acres. These lands are of small value at the time the Government conveys them, but by the labor of the colonist and with the aid of the capital of the contractors, they become very valuable in a few years. To sum up, these contracts are beneficial to the country because it is directly interested in an increase of population and of labor. Secondly, the colonists acquire under the contract all they need; a home, implements, tools, subsistence for a year; in short, everything they need to live and become producers.

The contractors on their part have every interest to see the colonists prosper; to that end they aid them by pointing out the best system of cultivation, procuring the seed best adapted to the land, and in short extending every possible aid to them. By reason of the mutual benefits which each party derives from them, and in the manner in which they are obliged to aid each other, it is practically co-operative colonization.

NITRATE OF SODA—ITS IMPORTANCE AND FUTURE.

Of all industries in Chile that of mining is the most important; it is, together with agriculture, the basis of national prosperity, the source whence the country draws the greater part of its revenue. From the point of view of the variety of products of the mine, few countries offer such opportunities for business as Chile. Nearly all the known metals in the world are found there, some in the ground, but in many cases on the surface. Among all these, the most important is nitrate of soda. The production of nitrate of soda is at the highest stage yet reached, and its consumption is increasing daily throughout the world. It is a product peculiar to Chile, and is found only in the provinces of Tarapaca, Antofagasta, Alacama, etc., in immense deposits forming layers sometimes 6 feet thick, and nearly always between the Andes and the Coast range. In the greater number of cases the deposits are covered with layers of earth of different thicknesses and divers characters; often it is covered with guano. The deposits on the same plain are not continuous, but are separated from one another by deposits of different substances and sometimes by layers of salt. The name "Caliche" is given to this raw nitrate. Its average richness varies from 20 to 65 per cent of nitrate of soda. The raw material is treated by different processes for the nitrate of commerce. The commercial product contains from 15 to 16 per cent of nitrogen and 36 per cent of sodium. The mining of nitrate is chiefly in the hands of Chilian, English and German capitalists. Its production is regulated by a syndicate of producers called "Combinacion Salitrera," a syndicate which fixes the production of each of its members according to the wants of the world's markets. Almost all sales of nitrate are made at Valparaiso to export houses or merchants acting for European consumers. The sales are made for cash and each cargo is paid for at the port of shipment when an analysis of the cargo has been made. The nitrates from Tarapaca are shipped through the ports of Iquique and Pisagua; that from other parts of the country is shipped from Mejillones, Antofagasta, Caldera, Taltal, etc.

The mining of nitrate is divided into about one hundred large contracts. The government of Chile makes an annual allotment publicly for the working of new nitrate lands. This industry employs about 35,000 workmen, mostly Chileans, whose earnings vary from one to two dollars a day. The Chilean laborer, by reason of his strength and endurance, has never been surpassed for rough work by any laborer in our time.

The provinces which produce the nitrate are for the most part sterile, and are in consequence compelled to draw their supplies from abroad; they consume products of the country which reach them through the coasting trade. The ports of Pisagua, Iquique, Tocopilla, Antofagasta, Taltal, etc., receive annually supplies to the value of $30,000,000, consisting of fruits, vegetables, wine, beer, alcohol, meat, wood, hay, coal, coming in great part from the provinces of Chile. The principal consumers of nitrate are Great Britain, Germany because of her extensive culture of beet sugar, and, third, France and the United States. Until recent years England handled in her markets all the nitrate produced in Chile, although her own consumption amounted to only a small part of it; the rest she sold to consumers in other countries. Thus European agriculturists depended upon the English market for their supply. The German syndicates were dissatisfied with this and bought deposits of nitrate in Chile and worked them on their own account. In this way the German agriculturists have obtained their nitrate at a regular price, and moreover are assured of having this fertilizer for their fields, a matter of great importance to them.

American farmers ought, in their turn, to buy nitrate lands in Chile, and thus assure to themselves at cost price the nitrate they require.

Nitrate has an agricultural and an industrial value. It is used to make nitric acid, nitrate of potassium, sulphuric acid, caustic soda, chloride of calcium, arsenate of soda, etc. It is also used with sulphur and coal in the manufacture of powder, which, as is well known, is a mixture of six parts saltpetre, one part coal and one sulphur.

It is necessary, by means of some fertilizer, to return to the land what it loses annually in producing crops. Every bushel of wheat, bale of hay or head of beef takes from the soil nitrogen which nitrate of soda can restore. It is a well known fact that fertilizers in some form cannot be dispensed with except by allowing the land to become sterile.

This question of fertilizer is worthy the attention of agriculturists throughout the world, by reason of the diminished product of the land per acre, the high cost of labor and the competition of countries most favorably situated. The use of fertilizers will bring up the yield of the fields and make agriculture more profitable.

The following acreage in the United States is under tillage and in pasturage:

Corn	100,000,000	acres
Wheat	50,000,000	"
Oats	30,000,000	"
Rye	36,000,000	"
Barley	5,000,000	"
Sugar beet	300,000	"
Cotton	35,000,000	"
Pasturage	40,000,000	"
	296,300,000	
Market gardening	10,000,000	"
	306,300,000	

A total of more than 300,000,000.

If 100 pounds of nitrate only were used on each acre of this land (a low estimate, because nearly all cereals require a larger quantity of fertilizer than that), the total annual consumption in this country would amount to 15,000,000 tons, while the present yearly consumption here is only 335,000 tons.

The future consumption of nitrate in the United States should be immense, for when this fertilizer shall be used in sufficient quantities there need be no fear of bad harvests, and, paradoxical though it may seem, poor soils will then yield as abundantly as rich ones. Nitrogen is indispensable to vegetation; it is the substance which infuses life into it, which makes plants grow and gives them strength and vigor. Nitrate is the most powerful of nitrogen fertilizers; it acts upon plant life directly, furnishes nitrogen in an effective manner and does not require previous preparation in order to be assimilated by plants. This gives nitrate an important advantage over other fertilizers which work slowly and require to be prepared in advance in order to be efficacious. The use of nitrate has caused the yield of the land to be considerably increased and has contributed to the development of the wealth of the world. In some places it has transformed agriculture; it requires no preparation and is used just as it is bought.

TOP OF CALICHE HOPPER: CARTS TIPPING CALICHE.

OPENING UP TRENCH AFTER BLASTING, SHOWING EXTRACTION OF CALICHE BY PIECEWORK.

"Nitrate of Soda Propaganda," by William S. Myers, Director for United States and Colonies, John street and 71 Nassau, New York. Write to above address for information.

Nitrate is good for the growth of all cereals; wheat, barley, rye, oats, for vegetables, fruit trees, vines, potatoes, beets, etc. It also gives good results on tobacco plantations, and used in large quantities brings a larger yield. It is not, however, a fertilizer adapted to all soils nor to all crops. It requires a soil containing potash and phosphate. It is well to apply it on damp or even slightly rainy days. If the weather be favorable and the nitrate used on suitable soil, the increase in yield for each 200 pounds of nitrate used should be about 4 to 6 bushels of cereals, 30 to 35 bushels of potatoes, 50 to 55 bushels of beets, and 8,000 to 12,000 pounds of grapes.

Let us take an instance to illustrate the effect of nitrate on fields sown to wheat. The surface experimented upon was half an acre, the grain wheat. The first parcel of one-fourth of an acre, without fertilizer, produced:

3 bushels grain=about 13 bushels to the acre.

400 pounds straw=1,600 pounds to the acre.

The second parcel, one-fourth of an acre, treated with 30 pounds of nitrate of soda, 120 pounds to acre, produced:

Grain, 10 bushels=40 bushels per acre.

Straw, 640 pounds=2,560 per acre.

Showing an excess in favor of nitrate:

Grain, 7 bushels, worth	$7.00
Straw, 240 pounds	1.50
	$8.50
Less 30 pounds nitrate, worth	.75
Balance	$7.75

This shows a large profit from the use of nitrate.

Thirty years ago the consumption of nitrate in the world was limited to the manufacture of gunpowder and chemical products. Previous to 1880, at which date the whole nitrate zone was occupied by Chile, the production of this fertilizer did not reach 300,000 tons and employed only 3,500 laborers; at present, as we have seen, 35,000 laborers are employed. From 1840 to 1903, a period of 63 years, the nitrate works turned out 28,000,000 tons of nitrate.

The world's consumption of nitrogen is constantly increasing; new markets are opening every year. Russia, Japan and the countries of the Orient have lately begun to use this fertilizer, and the indications are that just in pro-

portion as the cultivation of the fields shall become more intensive, the consumption of nitrate will increase.

SUPPLY OF NITRATE.

As we said at the outset, until this year the supply of nitrate was supposed to be almost wholly limited to the Chilean province of Tarapaca, where the quantity was estimated at 100,000,000 tons; hence, considerable uneasiness was felt about the world's future supply of this fertilizer in view of its great importance to agriculture. Happily, discoveries have lately been made in the provinces of Antofagasta and Atacama of hitherto unexplored fields abounding in nitrate and estimated to be capable of furnishing 1,500,000,000 tons additional, thus making, with the deposit in Tarapaca, an available supply of 1,600,000,000 tons. If the world's annual consumption be estimated at 5,000,000 tons, the deposits in Chile would supply the world for 350 years. The deposits hitherto worked in Chile have only been such as yield above 18 per cent, although the quantity running below that is in more abundant supply; the above calculations have been made on the basis of lands yielding above 18 per cent.

A Chilean engineer has, it appears, lately found a way to work deposits which carry only 6 per cent of nitrate. By the use of his method the time during which the supply would last could be multiplied by five.

Experts appointed for this purpose report that deposits yielding from 6 to 10 per cent. which are very abundant and as yet unworked, could all be worked.

The government of Chile lays an export tax of about $1.20 per quintal on all nitrate exported. This tax has yielded since 1880, the year when it was laid, the sum of $280,000,000, which represents the revenue derived from nitrate, without taking into account iodine nor the sale of the nitrate lands. As the world's consumption is increasing and the government continues to make an annual sale of fresh lands to be worked, it is evident that the revenue from that source will continue to increase.

To give an idea of the value of the nitrate properties held by the government, attention is called to the report that a large syndicate of capitalists is negotiating for the purchase of a part of those lands for $75,000,000 (A. M.); this gives a basis for estimating the resources of the country and its financial stability and the value of any guaranty it may give to foreigners. The total debt of the country is about $90,000,000, all issued in Europe, and no part of it

ased on any special pledge of the revenues of the State, but it all rests on the ledge of the national honor and public faith. It has always been a point of gitimate pride with Chile that the interest on its loans and other State debts as always been met with scrupulous punctuality, and that the funds necessary or such payments have been lodged with European bankers two or three onths in advance of the stipulated time.

The following data published by the Custom House authorities in Chile ow the exports of nitrate in tons in quinquennial periods from 1840 to De-mber 31st, 1903:

	Export for 5 years.	Average for each year.	Increase, per cent.
40 to 1844	73,232	14,646	..
45 to 1849	94,806	18,291	30
50 to 1854	149,960	29,992	59
55 to 1859	259,394	51,879	26
60 to 1864	327,034	65,407	49
65 to 1869	487,324	97,465	124
70 to 1874	1,095,628	219,125	73
75 to 1879	1,365,418	273,083	25
80 to 1884	2,220,926	444,185	62
85 to 1889	3,318,520	663,704	49
90 to 1894	4,813,670	962,734	45
95 to 1899	6,204,636	1,240,927	29
00 to 1904 (4 years)	5,537,396	1,384,349	11½

Total in 64 years.....25,947,994 tons.

Calculating the average increase of the production of nitrate at 10 per cent r each quinquennial period, we have the following result, showing the probable port for each period of five years:

1904 to 1908.....	7,613,915
1909 to 1913.....	8,375,305
1914 to 1918.....	9,212,835
1919 to 1923.....	10,134,125
	35,336,180 tons

In the present condition of this industry each laborer produces 55 tons of rate. The following table shows the yield in revenue in periods of 5 years d the average per year:

		Yearly averages for each period.
80 to 1884.....	$75,067,265	15,013,453

		Yearly averages for each period.
1885 to 1889	$112,165,875	22,433,195
1890 to 1894	162,702,045	32,540,409
1895 to 1899	210,933,460	42,186,692
1900 to 1903 (4 years)	187,163,984	46,790,996
Total in 24 years	$748,032,729	

Calculating the revenue for the next twenty years on the same basis, nitrate will yield as follows:

	Estimated quinquennial yield.	Average of each period.
1904 to 1908	$257,350,325	51,470,065
1909 to 1913	283,085,309	56,617,061
1914 to 1918	311,393,820	62,278,764
1919 to 1923	342,533,420	68,506,684
Total in 20 years	$1,194,362,874	

The commercial year for nitrates begins the 1st of March and ends the 30th of April following. During the commercial year 1906-1907 the world's consumption was 36,348,030 quintals, of 100 pounds each.

Nitrate of soda purified and dried is used for the manufacture of nitric acid, which manufacturers of picric or carbazotic acid use in increasing quantities; for nitro-cellulose, used in the manufacture of smokeless powder and collodion; for celluloid; for artificial silk.

No country in the world is better equipped than Chile for the economical manufacture of nitric acid; the difficulties of transportation are not an insuperable obstacle to its export, and even if they were, the manufacture of nitric acid, a branch of the great chemical industry, would none the less be an essential element in the development of manufacturing chemistry in Chile.

Nitrate of soda can be used on the spot not only for the manufacture oi nitric acid but also for that of nitrate of soda. This salt is now used in considerable quantities for the manufacture of azotic coloring matters. Their preparation, which is not complicated, consists in reducing the nitrate by means of lead, an operation which furnishes nitrate of soda as the principal product and litharge as a by-product.

CRYSTALLIZING PANS—FULL, FILLING AND EMPTY.

CRYSTALLIZING PANS AFTER RUNNING OFF MOTHER-LIQUOR, SHOWING DEPOSIT OF NITRATE CRYSTALS.

"Nitrate of Soda Propaganda," by William S. Myers, Director for United States and Colonies, John street and 71 Nassau, New York. Write to above address for information.

GENERAL CONSIDERATIONS OF MINING IN CHILE.

The mining industry may be made to be of immense importance in developing the commercial relations of Chile, as is shown by the present rate of export to foreign countries—the United States, Great Britain, Germany, France, Belgium, Italy. Mining deposits, as we shall see, are found in Chile in inexhaustible quantities. Foreign capitalists ought to engage in mining in Chile, and foreign commercial houses ought to buy direct at the centres of production, so as to obtain supplies at first hands and in sufficient quantities. It is certain that the working of deposits of copper nitrate, borax, gold and silver, etc., in Chile can be made a commercial success because throughout the country there are mineral deposits of very uniform yield. Ores in Chile, especially low grade ores, are generally found in veins so large and well defined that the quantity of metal in a lode bearing gold, silver, or copper can be calculated per cubic yard with almost mathematical certainty. The problem therefore reduces itself to the cost of mining, net product and selling price of the metal. In the northern provinces of Chile, Tacna, Tarapaca, Antofagasta, Copiapo, etc., deposits which yield less than 8 to 10 per cent are not worked by reason of lack of capital and of an economical system of mining. Generally only ores yielding 15 per cent and upwards are worked, while in countries where capital is abundant ores yielding as low as 2 per cent are worked. Abundant capital and an economical system of mining are indispensable conditions for the prosperity of the mining industry in Chile. A small variation in the cost of working would often enable mines which have hitherto been unprofitable to show a profit.

Chile can be considered as a gigantic storehouse of nitrate of soda, copper, gold, silver and all sorts of metals, amounting in value to hundreds of billions of dollars and sufficing to pay salaries, buy foreign industrial products or manufactures and pay good dividends to capitalists. Experience has shown that economy of mining with an abundance of modern machinery skillfully handled is the prime requisite for successful mining in Chile. Almost the only cause of failure in certain mining enterprises in the country has been due to lack of the above conditions. This industry, when established on a solid basis, as it is in Chile, has not the hazardous and uncertain character usually associated with mining enterprises, but on the contrary is a safe and stable industry, which in many respects enjoys a privileged position as compared with all other industries.

If it were possible to weigh, as in a balance, on the one hand, all the advantages, and on the other all the disadvantages, which different countries offer to capitalists and to commerce generally, it would be seen that the mining industry in Chile is worthy to be regarded in the category of the safest investments for capital.

1. Because of the extent of the available yield.
2. The stable and certain character of the mines.
3. The financial stability of the country and the safety of its institutions.
4. Because of the shape of the country, a long narrow strip of land, by reason of which the distances from the mineral deposits to the points of shipment by water are generally short.
5. By reason of the abundance of streams and rivers which intersect the country, and particularly the great facility for procuring free power.
6. Finally, because of the liberality of the Chilean mining laws, which offer conditions very favorable to this industry.

THE COPPER INDUSTRY—ITS IMPORTANCE AND FUTURE IN CHILE.

Throughout almost the entire territory of Chile are found mineral deposits, especially of copper, silver and gold, either mingled together or in separate lodes.

Copper is especially aboundant in the zone between latitude 18° south and 36½° south; that is to say, from the mountains of Chillan to the province of Tacna, a distance of 18½° latitude.

These minerals lie in a strip which extends from the summit of the Andes to the summit of the coast range, and which consequently includes almost the entire breadth of the country. This region is mountainous and deposits of copper are scattered through it, yet nearly always in the vicinity of transverse ranges. Last year the number of copper, silver and gold mines in operation was 1,075, while the total of known mines in the country is 9,395.

From the time of the Spanish conquest until to-day mining has been the basis of the national prosperity, and the tenacity of the race, one of its marked characteristics, is due to the zeal and ardor with which this industry has been pursued.

According to Mr. Alberto Herrman, the well known engineer and metallurgist, the production of Chilean copper amounted to 4,550 tons in the seventeenth century, and to 62,000 tons in the 18th. It should be taken into account that the consumption of copper in the industrial arts was much restricted in that remote period, for it entered only into the manufacture of clocks, cannons and articles of domestic use. To that should be added the restricted communication which Spain permitted to her colonies with the outer world in order to a full understanding of the limited copper product of Chile during those years. To-day, with the increasing necessities of modern industries, the construction of ironclads and cannon, the manufacture of copper wire, submarine cables, etc., the consumption of this metal is constantly growing, and under the influence of this growing consumption the price of copper has a tendency to advance. For these reasons this industry is regarded with much interest in Chile at the present time. The production of copper during the first twenty years of the last century has

been estimated by Mr. Herrman at 30,000 tons, and from 1821 to 1843 to 95,507 tons. Beginning with 1844 a careful statistical record has been kept in Chile of the copper output with the following result in tons:

	Quinquennial production.	Average annual production.
1844 to 1848	48,342	9,668
1849 to 1853	62,732	12,546
1854 to 1858	113,070	22,614
1859 to 1863	160,020	32,004
1864 to 1868	202,287	40,459
1869 to 1873	226,414	45,283
1874 to 1878	240,364	48,073
1879 to 1883	210,688	42,139
1884 to 1888	186,018	37,203
1889 to 1893	116,898	23,377
1894 to 1898	113,887	22,777
1898 to 1902 (4 years)	107,308	26,827
Total in 59 years		1,788,308 tons.

Summing up the foregiong we obtain the following result:

Years.	Total for period.	Yearly average.
1601 to 1700	45,500	455
1701 to 1800	62,000	620
1801 to 1820	30,000	1,500
1821 to 1843	92,507	4,022
1844 to 1902	1,788,028	30,393
302 years	2,018,035 tons.	

From 1820 to 1902, a period of 82 years, the production of copper in Chile amounted to 1,880,535 tons, which at $400 a ton would give a total of $807,214,000.

The greater part of the fortunes in Chile have been made in copper mining and to this industry also the country owes the greater part of the wealth which has transformed it into its present flourishing condition.

There are many establishments for working ores, and they nearly all treat them by smelting, yet the number of smelters is not sufficient to regulate the price of metal in the country. Smelters are not sufficiently numerous in the country, as is shown by the annual exportation of copper in ingots and raw gold, silver, copper and manganese ores to Europe and the United States. If smelters and foundries were sufficiently numerous all the exports of copper would be in the form of bars and not in ingots nor raw ores.

Besides treating ores in Chile by smelting we are beginning to treat them

AUTOMATIC PUSH-PLATE CONVEYOR FOR CONVEYING CALICHE FROM TOP OF ELEVATORS TO DEPOSIT OVER BOILING TANK.

DRYING FLOORS AND BAGGING OF NITRATE.

"Nitrate of Soda Propaganda," by William S. Myers, Director for United States and Colonies, John street and 71 Nassau, New York.
Write to above address for information.

successfully by the wet process; for that purpose several factories for sulphuric acid and chlorine have been established. Electricity is beginning to give good results in places where there is sufficient water power.

Concentration of low grade ores, by the use of water, has also been successfully undertaken. The treatment of copper, silver and gold is specially destined to receive an impulse in Chile from the use of electricity, the wet process, the use of sulphuric, nitric and hydrochloric acids by concentration, by amalgamation and by the American system of pistons; but of course these methods should only be undertaken on a large scale, in establishments fully equipped, supplied with abundant capital, with modern machinery of all kinds, ably superintended, and, above all, conducted on a practical basis.

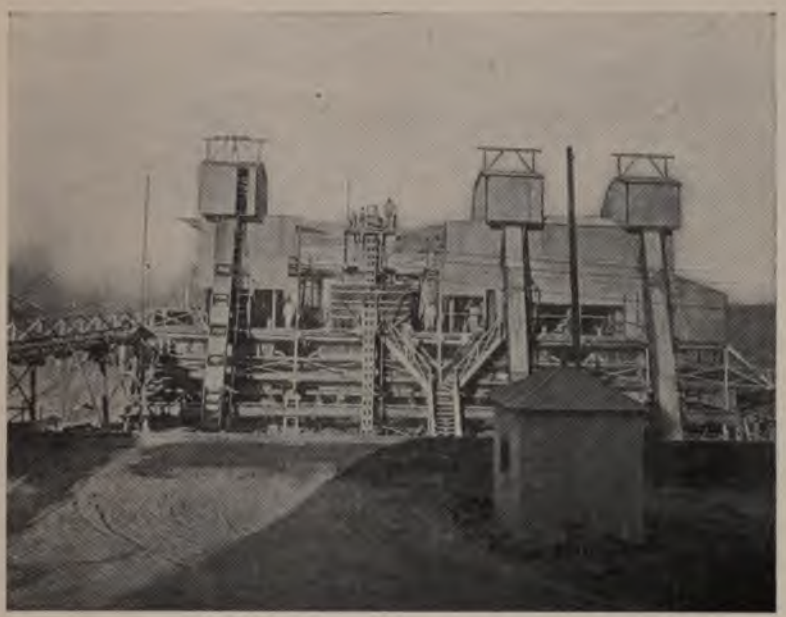
Visionary enterprises are without doubt the great enemy of the mining industry in Chile. The enthusiasm which attends the announcement of extraordinary discoveries in mining regions often causes people wholly lacking in practical acquaintance or unprovided with the necessary capital to engage in foolhardy enterprises which result in disaster to the promoters and bring discredit upon the industry of mining. Farmers, lawyers, doctors, suddenly carried away by the reports of the fabulous results obtained in mining, embark in a new enterprise of that nature without due examination or serious estimate of expenditures and receipts, and risk all their capital with the frenzy of a player in a gambling house.

It sometimes happens that a mine thus blindly selected is of great productiveness and that in spite of the inexperience and unskilled management of the owner it becomes very successful, as a bad rider may sometimes, in spite of his inability, win a race by the merit of his horse. Yet the usual result is that mines without competent practical management or lacking the necessary capital fail of success. To avoid such disastrous results it is first of all necessary to study carefully the region where the operation is to be undertaken, calling in for that purpose mining engineers of long experience in their profession, and constructing a plant according to their advice, following in all respects the latest scientific discoveries; thus only can inexperience escape disaster and avoid those failures which cast such discredit on the industry. It should be borne in mind that mining in Chile is an established fact and not a game of chance, and hence it is safer to rely on the practical knowledge of directors, competent superintendence and ample capital than to blindly tempt fortune as miners and prospectors are constantly doing.

The prospector (in Spanish, cateador) is a miner who goes out to find a lode; led on by a rumor or some tradition, he traverses mountains and valleys, leading a life of privation, hardship and excitement in search of a mine. But it is very human to be carried away by the mining fever in Chile, especially in the mountains, where one often sees poor devils who the day before lacked even the necessaries of life become by a stroke of luck the possessors of immense fortunes. It is well to bear in mind that in the mines of Chile there oftentimes occur mixtures of copper with gold, with silver, lead, mercury, antimony, zinc, manganese, etc., in greater or lesser quantities in the same vein. It thus often happens that the same mine is worked either for one or the other of the metals. Gold and silver are found in Chile only near the surface or upper part of the lode, where are found oxides and salts of copper. At a depth of 125 or 150 feet the character of the ore changes and sulphurets and sulpho-arsenates appear.

Beginning in the southern part of the country, the first workings found are those of El Cobre, on the eastern side of the department of San Carlos, at Nuble, in latitude 36° 48′. The deposits are grey copper bearing silver. Then at Teno, in the district called the Quenes, in latitude 35°, there is also ore carrying copper and silver. In the province of Santiago copper and silver ores are very abundant, as well in the chain of the Andes as in the coast range. In this province is situated the important mining centre of Las Condes, situated in the Andes. In the Las Condes district are Duarte, Piches, Plomo, Valenzuela, Yerba Loca, etc. These are all good gold, silver and copper camps. Here are found various plants for smelting copper and amalgamating silver. At Caleo there are several good copper mines being worked in the hills, and also good deposits of gold. In the valley of Lampa, in latitude 33°, 40 kilometers from Santiago, there is a great deal of copper ore and some gold mines.

At Batuco, a mining centre 17 miles northwardly from Santiago, there is a considerable number of mines. There the Desengaño, which was worked for a number of years and yielded ores rich in copper and silver, has been idle for some years. In the opinion of some engineers there is more metal remaining in that mine than has been already taken from it. It is estimated that from 1885 to the present time the mine has yielded more than $5,000,000. In the province of Colchagua, department of San Fernando, latitude 34°, there is a very rich district of copper and silver called Las Choicas. The province of Aconcagua is very rich in copper ores; there are situated the important mines of Catemu, El



ELEVATORS FROM CRUSHERS TO BOILING TANKS.

200 lbs. Bone dirt and eight loads of Stable Manure per acre.

1,000 lbs. Lime, 400 lbs. Acid Rock, 200 lbs.
Yield, 30 bushels per acre.
Muriate of Potash and 100 lbs. Nitrate
of Soda per acre.
Yield, 60 bushels per acre.

"Nitrate of Soda Propaganda," by William S. Myers, Director for United States and Colonies, John Street and 71 Nassau, New York.
Write to above address for information.

Melon, El Cobre; in the hills of the Ligua and Petorca there are also numerous and rich mines. Thence as one goes north the minerals are more abundant. Coquimbo is richer than Aconcagua, and Atacama is one vast, rich mining camp. At Coquimbo are found the Tamaya mines, situated in latitude 30° 32′, twelve miles from the city of Ovalle and forty miles from Tongoy. The mines and the harbor are connected by a railway.

The ores of Tamaya are bluish purple pyrites, very rich, running about 70% copper. It is estimated that the copper produced at Tamaya exceeds $25,000,000 in value. The principal mines of Tamaya are Arenillas, Sauce, Campanil, Almagro, Pizarro, El Pique, Charleco Rosario, San Jose, Dichosa, Guias, Murcielago, Verde, etc.

Mines of Andacolla.—These mines, in the department of Coquimbo, latitude 30° 14′, abound in native copper, deposited in lodes of capricious formation.

Charanal.—In this department, which is one of those of the province of Atacama, are found very numerous, rich deposits of copper. The port of the same name is important by reason of the export of ores. There are rich copper mines at Charanal, Las Animas, Aquas Escondida, Bombas, Brea, Caballo, Muerto, Carrizalillo, Cerro-Negro, Colmos, Juncal, Mirador, Pastene, Pasto-Cerrado, Pan de Azucar, Pingo, Pueblo-Handido, Quinchique, Salada, Cachiyuyal. Then Taltal, in the department of Antofagasta, also abounds in copper and other metals, and there are found the mines of Cachinal, Emma-Luisa-del-Guanaco, Cachiyuyal, Pastos-Largos, Pastos-Grandes, etc. There is a railway connecting the port of Taltal with the principal mining centres of the interior.

Panulcillo. This is a very large camp about ten miles from Tamaya, abounding in copper mines. Like the greater part of the mining centres which we have enumerated, it contains plants for rendering copper, railways, post offices and telegraph lines. Its mines, like nearly all those of the province of Coquimbo, are very rich.

Brillador (29° 54′) is a mining centre in the department of La Serena, composed of numerous very rich copper mines.

Higuera is a group of copper mines in the department of Serena, in latitude 29° 31′, about ten miles from the port of Totoralillo. It is a camp with more than 50 mines in operation. There are smelters and a complete postal and telegraph service.

Salapor.—Here is a copper mine, latitude 29° 36′. Cerro del Volcan is situated in the valley of Maipo, in latitude 33° 44′ . Here are numerous mines of native copper.

Cordilleras de Rancagua, the El Teniente, and Piquios mines abound in native copper.

Amolanas, in the department of Copiapo, contains productive silver and copper mines. San Lorenzo, a mining centre in the department of Combarbala, abounds in mines of copper oxide and lodes of platinum, lead and zinc.

Nantoco, in the department of Copiapo, 13 miles from the city of Copiapo, to which it is connected by a railway, has copper and silver smelters and important deposits of copper, silver and gold.

Zapallo, a short distance southwest from Copiapo, has a group of copper mines.

Checo is a vast mining camp, rich in gold, silver and yellow copper pyrites; it is in the department of Copiapo, in latitude 27° 31′.

Algodones, a cluster of silver, copper and manganese mines in the department of Elqui.

Algodones is a bay in the department of Tocopilla, in latitude 22° 06′, surrounded by copper mines.

Las Tortolas are copper mines in the department of Ovalle, producing the copper called "enargita."

Los Chincoles, in the department of Elqui, abound in mines of grey antimonial copper.

Punitaoui, in the department of Ovalle, latitude 30° 55′, the centre of ancient placer gold mines and abounding in rich quicksilver mines, produces a grey mercurial copper.

Alcaparros, a centre of copper mining, is on the boundary between the departments of Illapel and Combarbala.

Alcaparrosa, a copper mining centre on the boundary of the department of Copiapo, produces sulphate of copper, and is near the mines of Ojancos.

Castillo, a camp of silicate of copper and silver, is situated in the department of Copiapo.

Ojancos is a group of lodes in the department of Copiapo, abounding in gold and silicate of copper.

Restauradora is a rich copper mining camp in the same department; the mine is also called Travesia.

Jahuel, in Aconcagua, has carbonate of copper ores.

Tongoy, a mining centre, in latitude 30° 15′, has a deep water harbor, sheltered from the winds, used especially for the export of copper ores, which are abundant in that vicinity. There may be also found the large copper smelting plant, that of Guayacan, in which copper bars are refined. This harbor is connected by rail and by good wagon roads with the greater part of the mining centres of the province of Coquimbo.

Compania, a mining camp in the department of Serena, latitude 29° 54′, is surrounded by important copper mines and has a large smelting plant which has made great profits. It was established by Mr. Carlos Lambert.

The above names, which we have taken at random, are a few out of the innumerable copper mining camps in the country. As we have said, it could be affirmed without exaggeration that all Chile, and especially the part between 35° and 18° and throughout its width, is one vast mining camp.

A great deal of work has been done there and it has not been without strenuous effort that the considerable production which has been shown above has been reached, yet the copper remaining unmined in the mountains is many times in excess of the total quantity produced in the whole world down to the present time. It is estimated that in all the copper mines in Chile there were employed in 1903 a force of 12,360 workmen and machinery not exceeding 1,500 h. p., and that drifts and levels to the extent of 20,000 yards at most had been run.

The actual condition of the copper mining industry and of work in the mines is not satisfactory, as may be seen by the foregoing figures. The mines in general, even the most important ones, are not properly provided with machinery.

There are not probably more than fifty provided with steam hoisting machinery; the others use hand winches, or sometimes the ore is carried out on men's backs.

Power drills are not to be found except in four plants which use electricity and which are: the Volcan, the Las Casas of La Higuera, the Socavon of Quebraditas, and that of Transito de Ojancos. As to compressed air drills, there is not even one at work. The drifts therefore are generally made by hand drilling for the blastings, even in those cases where short and frequent blasts are fired, as is now generally the case when black powder is used as the explosive. Dynamite is used in small quantities; the total annual consumption probably does not reach 20 tons. In the interior the ore is in many cases moved on men's backs or

on lines poorly fitted up, which cannot give economical results, for they are well fitted up only in the mines of the first class and these are not numerous.

So much for the underground work; the work above ground is generally no better managed. There are few mines possessing facilities for assorting ores quickly and economically, or where the refuse can be collected except at a great disadvantage. There are very few where facilities exist for loading ores directly into cars or wagons; those equipped with machinery for loading can be counted on one's fingers. The underground work is carried on in such a way that only drifts necessary for the removal of ore are run, so that it is unusual to find any mine with reserves of ore blocked out, and exploration work is very scanty, some mines of great importance not having run their exploration work more than a few yards from the central deposit of mineral. In view of such sluggish management it is not astonishing that many mines which have been working for 50 or 60 years have reached only a trifling depth and an insignificant production, a condition which has this disadvantage: the small operations give slight returns and make it impossible to employ high grade administrative ability.

The principal cause of this lethargy is a lack of capital, and a general indisposition to employ the yield of a mine in its further development, even when such yield fully justifies it. This, of course, is prejudicial to development and large ore production.

STATEMENT OF MINING CAMPS AND PRODUCTIVE MINES.

(a) Tacna and Arica.—The ores in this province come from Putrez, the principal mine there being the San Raphael, from Cochelimpo, from Victor, and the Descubridora at Tacna.

There is no detailed account of the workings of these mines, but it is known that although not very important, they give great hope for the future.

(b) Tarapaca.—The production of this province is insignificant relative to the importance it must assume in the near future. We note the following mining plants there: La Mocha, with its mine the Adela, which has produced small quantities of ore; Pampa Perdiz, situated near the nitrate railway, with its chief mine Santa Isabel, which is actually being worked. These form an important group and only await capital for their development. The ores are high grade and the general conditions very favorable. Copaquire, in which experiments are actually going on to determine the best manner of working, and which is characterized by an abundant deposit of oxidized ores, principally sulphate and

sub-sulphate of copper. This plant belongs to an English company, which lately sent a commission of engineers to report upon the kind of machinery and the character of operations required. The mineral is said to be low grade (2½ or 3 per cent) and very abundant. The most important mining plant in this province is the Collahuasi, situated near the boundary of Antofagasta, whose ores are shipped from a port of the same name. They reach the railway station at Carcote over a carriage road more than 55 miles long. Under these conditions only ores yielding above 30 per cent can be shipped.

The work on these mines shows very little development and has not yet reached a depth of more than 325 feet—depth at which the copper sulphurets are not reached.

The quartz ores are principally composed of copper silvered over and of oxides of copper. The veins open in porphyry. The ores generally run 22 per cent, and when the projected railway shall be built, which will connect this plant with Ollague, its output will vie with that of the best producers in the country and probably surpass them.

During the year 1903 only one of the three companies put out ore, its production amounting to 4,575 tons running 32 per cent copper and 1-7 of an ounce gold, and 36 ounces silver a ton.

Generally all these mines maintain their standard in gold and silver. Their surveys of their tracts call for a superficial area of more than 2,500 acres, the greater portion of which has never been worked.

In this province there are also many other deposits, among which is at Sagasta a fine conglomerate composed principally of silicates of copper. It is abundant and of great thickness and runs about 6 or 8 per cent, but its situation in the middle of the Cordillera is such that the difficulties of transportation do not encourage working it. Yet with sulphuric acid at present prices and diminished freight rates by reason of the construction of a railway in Collahuasi, a plant could be established there with good prospects of success.

These mines belong to Mr. P. Devescovi, of Iquique.

(c) Antofagasta.—In this department is the Chuquicamata, which has been worked for several years, and is the leading mine of the district. These deposits are irregular but generally from 2 to 3 per cent, made up of layers or small veins of rich metal scattered through the rock, composed of quartz and feldspath, so that in breaking the mineral up these small veins detach themselves, giving an ore called Llampo, whence the name of the formation is derived; the average is

about 10 or 12 per cent. During the years 1898 and 1902 these Llampos furnished the greater part of the output in the Chuquicamata district; to-day this ore plays a secondary part in the output and the chief production comes from veins opened in diorite rock, which, in some places, change and become almost exclusively quartz and feldspar, or a true pegmatite. In this camp there are more than 300 claims, but the following are the chief: Emilia, of the Sociedad Nueva Emilia; Amelia, of Messrs. Claro and Valladares; Fedora, of the Compania Minera Feodora, San Luis; those of the Compania de Cobre de Antofagasta; the Rosaria del Llano of Messrs. Toyos Hermanos; the groups of Dolores, Gricelia and Restauradora, of the Sociedad Explotadora of Chuquicamata; San Jose, of the Syndicate of Collahuasi; Tres Marias, of Mr. Manuel A. Olivarez; the Zaragoza, of Mr. Cesario Aguirre; the San Raphael, of Mr. Rafael Vallejas, Grupo of the Poderosa, of Messrs. Enrique Villegas and H. Yerons; the Magallanes, of Mr. Samuel Valdes, and several others which are now running tunnels to strike productive lodes.

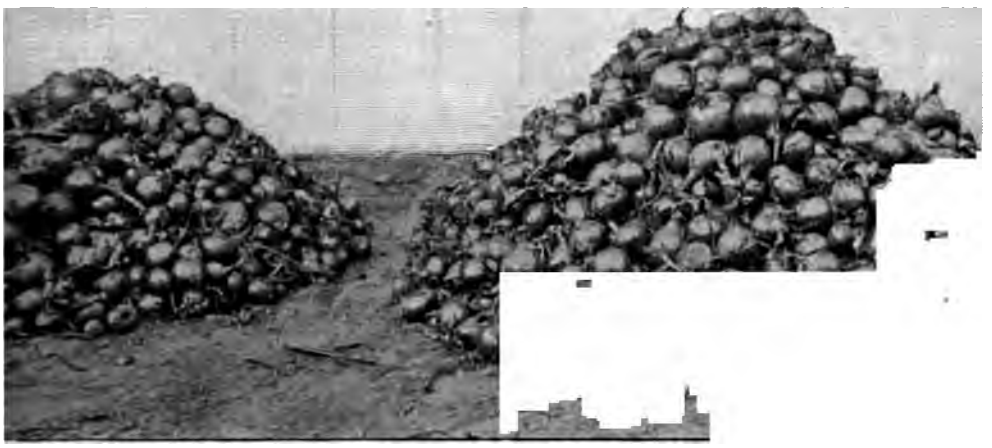
These mines produced in 1903 18,000 tons of ore and 3,325 tons of smelted copper, an average yield of 17.69 per cent, which is about 10 per cent of the total production of the country.

The deepest mine in this district is the Zaragosa, of Mr. Cecario Aguirre, 450 feet, and next the Rosario, 426 feet; the Poderosa, 428 feet; the San Luis, 345 feet; the others are not down below 300 feet. The thickness varies from 4-5 of a yard to a yard.

Nearly all the mines have a greater productive capacity than their present one; this is due chiefly to a lack of steam hoisting machinery, which is not used there. In all mine work the hoisting is done by aid of pulleys and hand labor; during the course of the year the installation of steam machinery has been begun, and in 1907 this will increase considerably the total output. From this mining work and that in Collahuasi it is reasonable to expect in the near future an important increase in the general production of the country. Other mining plants which have contributed to the output are: Manto Blanco, situated opposite the 45th mile post on the railway with the Carmen and Teresa mines of Mr. Carlos de la Fuente, the former of these two having a vein of 4-5 of a yard wide, and the second forming a large irregular ore deposit or stockwork, with ore running from 6 to 10 per cent. A smelter in these mines would add greatly to their output, because at present freight consumes a large part of the profits, and moreover only the richest ores can be worked, rock yielding only 5 or 6 per cent being thrown

ONION EXPERIMENT.—S. M. HARRIS.

Both plots fertilized—per acre, 400 lbs. Acid Phosphate, 120 lbs. Muriate Potash.



No Nitrate.
Yield, 4,500 lbs. per acre.

300 lbs. Nitrate of Soda per acre, applied June 4th after weeding.
Yield 9,900 lbs. per acre.
Increased yield from use of nitrate, 5,400 lbs.

ONIONS.

675 lbs. of Nitrate of Soda to the acre, in 6 applications.

375 lbs. of Nitrate of Soda to the acre, in 4 applications.

No Nitrate.

LATE SPINACH.

350 lbs. Nitrate of Soda to the acre, in 2 applications.

No Nitrate.

out as unprofitable. In the plant of San Jose del Abra, the Compania de Minas and Fundicion de Calama is getting ready for important future mining work. About 20 miles from Conchi, near the village and railway station of that name, are the Desesperado with its mine, Dos Amigos, of Mr. Jose del C. Adriasola, the plant of Lomas Bayas, of Barnett & Co., and several others. Among the important plants not mentioned are those of Narguayan and Cerro Gordo, near Mejillones, and that of San Bartolo, near San Pedro, made up of sand deposits impregnated with native copper, the abundance of which is apparent.

Tocopilla.—This department does not give the yield it should in view of the number of its mines scattered through its mining districts along the coast and opening into the granite rocks of the Coast Range.

Among other plants are those of Michillas, Panizas, Blancos and Sierra Colorada, in the district of Cobija, almost unproductive in 1903; those of Chasque, Gatico, Tocopilla, Hornos, Tres Puntas and Punta Blanco, in the district of Tocopilla, which furnish nearly the entire output of that section.

Mines.	Mining District.	Owner.	Output in tons, 1904.	Average of ores, per cent.	Depth of Shafts, yds.	Length of Drifts, yds.	Width of vein, yd.
Tres Puentes	Tres Puentes	Rafael Roias.	200	17.0	200	140	1.00
San Juan	Tocopilla	Anglo-Chilian.	16	14.0	200	140	.70
Altamira	Tocopilla	Nil & Rivay Co. (Ltd.)	11	17.0	60	100	1.50
San Carlos	Tocopilla		3	19.0	80	70	1.00
Feliciana	Tocopilla		2,400	15.0	320	250	1.50
Dos de Mayo	Tocopilla		250	17.0	380	360	1.00
Colorada	Tocopilla		200	16.0	320	590	1.00
Bella Vista	Tocopilla		300	16.0	300	590	1.50
Toldo	Gatico	Mining & Smelting Co. of Gatico.	10,000	10.5	350	680	1.50

As may be seen by these details these mines are of considerable importance in respect of their depth, the length of their drift work, width of veins and high average of ores, but their production is less than it formerly was.

Taltal. A large part of the production of this district comes from the

plant of Guanaco, the veins of which yielded gold in the upper levels, but changed in character to copper in the lower levels with only a small percentage of gold. Besides these gold bearing veins there are others yielding only copper and producing good ore.

The principal mines here are the Estrella de Venus of Mr. Camilo Ocana, the Silesia and Hercules of Mr. Henrique Hintze, whose floor timbers are down to 135 and 116 yards, respectively. The work at present is going on in the upper levels and from them comes the output which, according to the custom house records at that port, amounts to 942.95 tons, running 24.44 per cent.

Besides this plant there is in this department the Canchas, near a railway station of that name, giving a small yield, and Paposo, with its mines Reventon and Abundancia, with a depth of 400 and 380 yards, respectively. At this plant there were produced, partly in 1903, 2,000 tons, running 16 per cent.

At present Mr. Manuel Ossa is refitting some of the mines in this important district especially for the purpose of working a deposit of natural sulphates for which he has set up a leaching plant which will begin work this year.

Charanal.—This department occupies the second place as a copper producer in Chile from the point of view of quality, and the first with reference to tonnage, its total being 56,036 tons of ore, running 8.6 per cent copper. This department must have a great future; its ores are low grade, but very abundant, so that with the aid of good roads and good machinery, a large output may be looked for.

Among other mining plants of this department are the following: The Mina Exploradora, situated near the northern border of the department at the foot of the Cordillera Encamtada. These ores go out through the port of Taltal, by a railway more than 125 miles long. The mine belongs to Mr. Piedra Hnos; its output in 1903, according to the Custom House returns at Taltal, was 2,485 tons of ore, averaging 19.12 per cent copper, a production sufficiently insignificant in view of the richness of the mine.

The Exploradora is made up of three parallel veins which, uniting at certain points, make a deposit of mineral 8 yards thick. There veins have been explored on the surface for more than 1,000 yards; the greatest vertical depth of shaft is 160 yards. The stoping having been confined, up to the present time, to ores which it pays to freight, there remain large blocks of 8 to 12 per cent ore. The leavings are estimated at 75,000 tons, running 7 to 8 per cent copper.

These details show the importance which this mine would assume with a railway near which would permit the use of its great mineral wealth; it might perhaps be the most productive one in the country. Other important plants are Pueblo Hundido, Las Animas, Los Pozos, El Salado, Carrizalillo and Potrero. The chief mines at Pueblo Hundido are the Carmen, of Mr. S. Valdivieso, and the Manto Tres Gracias, of Mr. Basilio Caseres. The first of these mines produced in 1903 6,000 tons of 12 per cent ore, employing an average of 100 men. The lode runs in a northerly and southerly direction and dips 40 degrees from the horizon; the greatest depth of shaft is about 130 yards vertically, and the length of drift 250 yards. The width of the vein varies from 3 to 12 yards, averaging about 5 yards. The predominating rock is syenite, and the vein is composed principally of iron oxides, carbonate of chalk and sometimes decomposed porphyry. These properties of the ore render it very much sought after by the smelters, and it sometimes brings very good prices, even when not carrying a good percentage of metal. There are in the reserves of the mine more than 7,000 tons, running from 5 to 12 per cent, and on the waste dumps an estimated 30,000 tons running 5 per cent to copper. El Manto Tres Gracias is considered more important and as having a larger vein than the preceding, its general conditions being almost the same as those just described. Latterly, however, the production of this mine has been low, having been reduced almost wholly to a selection of ores from the dumps. In this same district there are many claims which may become as important as the foregoing; among them may be mentioned the Santa Rosa, of Mr. Manuel Crovari, with a production of 2,200 tons of 12 per cent ore, and the Flor del Desicrto, with 250 tons of 13 per cent. In the mining district of Las Animas may be noted: The Fortunata, owned by an English company, the vertical depth of which is 430 yards, and which at present is worked with little activity; the Bronton, of Messrs. Besa & Co., which is the deepest of that camp and of the whole department, next to the Descubridora of Carrazilillo, is down 650 yards and is already abandoned in its ground timbers. The Fronton is down 560 yards, and at that depth is yielding good ores. It has one 6-foot vein of pyrites carrying 7 or 8 per cent, and another 2½ feet, one with 10 to 11 per cent ore. The plant of Carrazilillo, belonging to the mining company Lota & Coronel, has only important works put in shape by the lessee of the mine. The one of Salado is not at present so important as the others. Mention may also

be made of the Yotesito of Mr. Juan de C. Ribillo, in which they are working a series of layers of carbonate of chalk with a total thickness of 15 feet, and which in 1903 produced 850 tons of 15 per cent ore. The mines of Porvenir, San Juan, San Augustin and several others are beginning to be worked, but are not yet of great importance. The Portrerillos is of some importance, but its remoteness and cost of working do not allow it now to reach the development to which it will attain. Its ores are chiefly oxides, running from 8 to 12 per cent, but very abundant. The Los Pozos will soon be connected with a railway which, starting from Animas, will go to the mines Manto Verde and La Verde. Its mineral deposit is in two parallel lodes with veins of oxide of iron varying in thickness from 10 to 20 yards, and other deposits, the lode of which is made up of a quartz substance in which a decomposed porphyry predominates, the thickness of which varies from 8 to 16 yards. These lodes can be traced for many miles, and can be followed with the naked eye from the Manto Verde mine south for a distance of three miles, and northward they extend as far as Salada and even beyond. In this immense mineral deposit there are only four mines in operation: the Laura of Mr. Scholberg, which yields copper in good percentage, at a depth not exceeding 75 yards; the Manto Verde and its annexes of Messrs. Besa & Co.; La Verde, situated at the end of a plain, and the one named Josefina or Monte Cristo, of Mr. Eduardo Tellef. The best evidence of the imperfect prospecting of this class of deposits lies in the fact that in one of these districts which had always been considered sterile, the ferruginous ore found in its outcroppings carried 7 to 9 per cent copper and promises to double the importance of the mine.

The greatest depth to which workings have been carried in these deposits is only 190 yards in the Monte Verde, without reaching the sulphid of bronze. The principal mine in this centre is the Manto Verde, 15 miles from Las Animas, in which the metal bearing part of the deposit is more than 8 yards thick of ore running 7 to 8 per cent. The ore is taken out by shafts, one 80 yards and the other 120 yards deep. If this mine were worked by machinery it would be one of the most productive in the country.

We have gone somewhat into detail in regard to this deposit because it is a remarkable instance of the indifference with which thick deposits of good quality and high percentage are regarded in the district. It is hardly credible that two lodes of such value in mines such as we have described should not

have been more thoroughly prospected, when at several points green carbonate and silicates come to the surface in a manner to suggest an extensive ore deposit.

Near these lodes, at a distance of two miles, is the Manto Monstruo, an immense deposit of carbonate of chalk with large lodes of oxide of iron, in the form of ribbon veins crossing each other in different ways and offering at many points copper ore running 4, 5 and even a higher per cent. This abundant outcrop has only been explored by shafts 10 or 12 yards deep, in which ores of the value just mentioned have been found, but no further steps have been taken to determine the richness of the deposit. The subject is of great interest for two reasons; however low the grade of the ore, its abundance would compensate for working it on a large scale; and secondly, the veins which such a scattering are probably rich in metal. There are parts of the Manto Monstruo which have a width of more than 100 yards on the surface of the mountain. There are indications that this is a real lode or enormous vein; the work necessary to reach a decisive opinion on that point has not been performed.

Copiapo.—This department occupies the foremost place in Chile among copper producers, with an output of 40,000 tons of ore yielding 6,605 tons of refined copper.

This record was made at the plant of Puquios, where are three mines in particular, the Dulcinea, Republicana and Descubridora. The Dulcinea belongs to the Copiapo Mining Co.; its production is 14,850 tons of ore, running from 15 to 54 per cent copper. It is the most productive mine in the country, having a vertical depth of 800 yards of drifts. The bronzes begin to come in at about 200 yards in depth. This mine is well equipped with hoisting machinery and has a suitable plant for removing and selecting metals. The character of the ore is copper pyrites, the vein is quartz, although from time to time large quantities of carbonate of chalk also appear.

The Descubridora belongs to the Sociedad Industrial de Atacama, and is at present worked through two shafts and gives promise of a brilliant future. The mine is soon to be equipped with the most modern machinery, including electric drills.

In this district are the Farellon mines of Messrs. Fergie & Sandiford, negotiations for which are now pending in England. In the district of Cerro Blanco are to be noted the following mines: Rincones, Neftali Miranda; the

Vizcachitas of Mr. Caledonio Sanhueza; Buena Esperanza, of Mr. Luis Maquiera; the San Pedro and Amarilla, which is the principal mine of the Sociedad of Minas and Fundicion of Carrizal. The Amarilla, which has been worked since 1867, with some additions, produced in 1903 7,996 tons of ore running 14 per cent. It employs about 130 men.

This district now occupies the second place among the mining centres of Copiapo. Its vertical depth is 400 yards. A great impulse is now being given to the mines of the Sociedad Industrial, especially the Bateas, which has yielded a good quantity of ore. Besides this mine, there are the Manto Verde and the Delirio. This district is yielding rich metal abundantly.

In the district of Ojancos the principal mines under operation are the San Francisco and Carmen Alto, of the Copiapo Mining Co., with a production of 3,470 tons, averaging 14.10 per cent, and the Transito and Andacollo of Mr. Jorje Huneeus, in which electric drills have been introduced to bring them up to their former achievements. At present their output is low on account of numerous difficulties encountered in the working; the depth of the latter mine is 380 yards, and of the San Francisco is 325 yards. Although they contribute to the general production, the districts of Checo, Morado and Alcaparossa are of lesser importance. The Morado will have a great future when the means of transportation are improved. The Agarrobo district has a brilliant past record, but for the last twenty-five years but little work has been done; the late working of one of its mines has shown how much can be hoped from serious and conscientious efforts in these old districts which have been, as it were, paralyzed for years. The Viuda, belonging to Messrs, Garcia, Castillo and Berger, is the mine now being worked with activity in this centre. The principal partner is Dr. Garcia, and he now directs the working under a lease made to the other associates. Besides the districts mentioned, there are others in this department which are not being well worked; they are, nevertheless, worthy of mention as Amolanas, with the mine Lautaro, belonging to the Sociedad Industrial of Atacama, and the Rosario and Providencia of Mr. Joaquin Santo Cruz, situated in the mining centre of Chanarcillito and Caseron. The Fosario and Providencia are situated 3½ miles from Chanarcillito and 30 miles from the railway from Caldera to Copiapo. The ground is level and well adapted to the construction of a railway. These mines are characterized by parallel lodes, separated by a strip of rock from 8 to 10 yards wide, and they open into diorite rock. One of the lodes is made

up of a calcareous mixture of ores of copper oxides and sometimes carbonates of iron; the other is ferruginous with copper oxides. In view of the favorable conditions for working, the exploration of the calcareous vein to a depth of 75 yards, the favorable location of the mines, the grade of ore well adapted for smelting, there seems to be a first rate opportunity for an industrial operation on a large scale. The actual work done in these large veins has not been important, and has generally been confined to taking the richest ores from the calcareous vein. In 1903 the output was 450 tons, averaging 5 per cent. This deposit, with that of Amolanas, is another instance of the abundance of low grade ores in the country and of the feeble efforts which have been made to work them.

Vallenar and Freirina.—These two departments, by the richness of their ores, offer, perhaps, more important study than Chanaral. In the commune of Carrizal Alto, where the smelter of the Sociedad de Minas y Fundicion de Carrizal is situated, the greatest production is found. There can be seen mines which have been worked for a number of years, which have reached great depth, and where great preparations are being made for their future working. In the southern part there is only one mine being worked, the Socavon. The Sociedad de Minas y Fundicion de Carrizal has numerous mines in different mining centres, particularly Jarajillas and Astillas. In this latter centre is found a mine of the same name which, during 1903, produced 3,482 tons of 5 per cent ore, employing a total of 67 men.

The district of Carrizal Alto has the Armonia mine, with a vertical depth of 414 yards. In this part are also the Solitaria of Mr. Neftali Miranda, Santa Rosa of Mr. Luis Maqueira, 350 yards deep, and the Punta del Llano of Mr. Domingo Herrera.

The mines of the Sociedad de Minas y Fundicion de Carrizal have always been well worked, but at present only the most important are in operation, in order to move economical working on a larger scale in the future.

In this department are the plants of Pan de Azucar and Cardones, which have a considerable yield. To the south of Freirina, on the boundary of the department of Serena, there is an uninterrupted series of copper mines with a brilliant future. There are located Fraguita, Quebradita, San Juan, Morado, Los Ratones, and several others of lesser importance, which are in the granite and Syenite rocks of the Coast Range. In Fraguita is the Santa Rosa mine of Mr. Thomas Marambio, 25 miles from Pena Blanca. It employed 260 men in 1903,

and produced 400 tons of 20 per cent ore. Its depth is 220 yards, and the length of its drifts 510 yards. The Verde mine, belonging to the same proprietor, having the direction of veins, same pitch and thickness as the foregoing, and a depth of 130 yards, produced in 1903 about 150 tons of 18 per cent ore. The Maria Louisa, of the same owner, with a maximum depth of 140 yards, produced 75 tons of 20 per cent ore. The "Sara," also belonging to Mr. Marambio, is 70 yards deep, has drifts 150 yards long, and in 1903 produced 200 tons of 20 per cent ore. In the San Juan district Mr. Marambio also owns the Pequena, which is down 50 yards, and encountered copper pyrites at 30 yards. It produced 200 tons of 10 per cent ore. This mine, distant only 12 miles from the port of Pena Blanca, is close by the smelter of Calera. In the district of Quebrada the most important mine is the Socavon, belonging to Messrs. Cornelio Savedra and Alvaro Besa; it comprises 7½ acres, and is 17 miles from Pena Blanca, over a good wagon road made by its owners. The vein lies in granite, has an average width of 1½ yards, runs north 42° west, and dips 55° below horizontal. The greatest depth of its galleries is 270 yards. The vein is 2½ yards wide on the floor timbers, and the ore runs 18 per cent. Ores showing color come in at 40 yards, the pyrites at 50 yards. The water removed daily amounts to 15 cubic yards. This plant has for motive power 3 boilers rated at 70 h. p., a 25 h. p. motor, and a hoisting machine with a capacity of 50 tons per day, an 8 h. p. petroleum motor "Otto," which drives an electric dynamo for lighting the mines, for pumping them out, and for the electric drills Siemens and Halske, which have given good results, and will be used in a new shaft under construction. This mine is one of the best equipped and best worked in the country; its production during the present year will exceed that of 1903, when its output was 2,100 tons, averaging 16 per cent copper. The ore is copper pyrites in a quartz vein; 110 men are employed within the mine and 30 without.

Departments of La Serena and Elqui.—In the former of these departments, in the northeastern part, is the deposit of La Higuera, about 12 miles from the lesser port of Totoralillo, and 33 miles north of La Serena. The average thickness of these different veins, although variable, may be put down at 1½ to 2 yards. The beginning of the vein is chiefly carbonate of chalk and amianthus, which the miners call piedra palo, and whose presence in prospecting is always considered a good sign. The ores are copper oxides, and come after the transition bronzes, at 100 yards the copper pyrites come in. The values in the mine are about 10 to 15 per cent copper. The greatest depth in this district is not below 350 yards, which has been reached in the Panchila, of Mr. Felix Vicuna. The production of this

VIEW OF THE ALAMEDA.

mine in 1903 was 11,950 tons of 10 to 11 per cent ore. The most important mines of this department which produced in 1903 are: The group Las Casas and Aji, belonging to the estate of Mr. Juan Munoz, the greatest depth in which is 220 yards, and the length of drifts 1,350 yards. They are provided with steam hoisting machines, run by four boilers and an installation of Siemens and Halseke electric drills, which are giving excellent results. About 200 men are employed there, and the output is 3,770 tons of 10 per cent ore. The San Juan smelter is connected with these mines, which are lighted by electricity, and have a telephone service which puts the office in communication with the interior and the engine room. In general, the work in these mines is in good condition, thanks to the energy and firmness of Mr. Jose Maria Munos. In the mines belonging to Mr. Felix Vicuna, also the owner of the smelter Higuera, we note the Cortada, or San Javier, 150 yards deep and 220 yards in length in its drifts, with a 3½ foot vein, and the San Ramon, with a 4 foot vein opening out in places to 5 yards, but of low grade ore. In 1903 it produced 33 tons of 7 per cent ore. It has an abundance of 5 per cent ore.

The Panchito, the deepest worked, and the Solitaria, also belong to Mr. Vicuna. The Estrella de Maria, Santo Tomas and Santiago belong to Mr. Guillermo Carmona, and they produced 250 tons of 10 per cent ore. The Paulina, with a good output of bronze, running 14 to 17 per cent from a 5½ foot vein; the Llanguita and other mines, whose production is individually small but goes to make up the total given. Around the plant of the Higuera, in the district of the same name, are several other workings the development of which is slow and uncertain by reason of the low grade ores, lack of buyers for the same, and absence of good means of communication. Among these are the Yerbas Buenas, where is found the Carmelita mine of Messrs. Aguirre Mancada & Hermanos, 40 miles from Higuera, with a depth of 115 yards and a production of 210 tons of 12 per cent ore, which was obtained by rejecting 2,000 tons of 5 per cent. The vein is 2 yards in thickness. The Cachyuyo district, with a mine of the same name belonging to the Zorilla estate; the Mina Grande and the Misterio of Mr. Enrique Osorio, produced in 1903 3,000 tons of 22 per cent ore from a vein 1 yard thick and shafts 50 yards deep; the Grande, of Mr. Astaburuage & Co., and the Purisima, of Mr. Enrique Osorio & Co., produced 400 tons of 18 per cent ore. The Dos Hermanus, Trapiche and Pleito could put out great quantities of low grade ore. In the southern part of the department, in the commune of Compania, are the mines of the Lambert estate; the Brillador and the San Antonio, with an area of 250 acres, which are producing

large quantities of ore. In 1903, with 92 men under ground and 45 outside, they put out 4,500 tons of 8 per cent ore. The past record of these mines is excellent, especially the Brillador, which, with its enormous exportation to England of the richest ores during a long period, yielded the great fortune made by Mr. Lambert. The mine is provided with a good steam hoisting machine, with a daily capacity of 100 tons. The drifts are 550 yards long, and the vertical depth 550 yards, which corresponds to a depth of 630 yards, following the dip of the vein. The total length of drifts in this mine is 20,000 yards. At present this mine is the principal source of supply for the Compania smelter, from which it is distant 9 miles, by a good wagon road.

Besides these mines, the Compania works the Placeres and Fortuna, employing a total of 160 men, with an output of 4,080 tons of 8.8 per cent ore.

In the Pajonales district commune of Algarrobito is the Pajonales mine of Mr. Jose Larraguibel, with a 3 foot vein, a depth of 130 yards and length of 440 yards. In 1903 it produced, with 31 men, 500 tons of 14 per cent ore. New reduction works are to be completed soon at Amendral for treating ores with sulphuric acid; they are to be made ready during the current year, and will handle 100 tons of ore daily, drawn from the enormous supply on the slope of the mountain at the foot of which the works are situated. The Talcuna district, 10 miles from the station of Marquesa, abounds in ores running from 8 to 10 per cent. There is situated the "Ilusion" mine of Mr. Victor Illanes, in which a vein 4 yards wide is being worked which, with 16 men, produced 400 tons of 9 per cent ore, throwing out an equal quantity of 5 or 6 per cent ore. In the Algodones district there are many veins and layers of low grade ore. The Carmen is there, with a vein 4 feet thick, which, with 15 men, produced 197 tons of 12 per cent ore, leaving on the dumps a still larger quantity of 4 per cent ore.

In the Porongo district a mine of the same name belonging to Mr. W. Miranda, produced 100 tons of 20 per cent ore. In this locality there are many other mining camps, some with small works and some of considerable importance, concerning which no details are known.

Coquimbo and Ovalle.—In the first of these departments are the districts of Cerillos, Tambillos and Andacollo. The output from the latter comes from the Hermosa mine of Messrs. Vidal and Videla. This mine is worked by precipitating by means of iron the copper contained in the water of the mine, which holds it in solution in the form of a sulphate and in increasing proportions. The mine produced in 1903, 162 tons of 65 per cent copper, sold at Guayacan. The Colpa mine

is worked in the same manner; its production was 4 tons of 65 per cent copper. This mine belongs to the estate of Mr. Vicente Miranda; it is considered one of the richest in the country in low grade ore. In the department of Ovalle the Panucillo is the mine which is yielding the most at the present time. The Central Chile Copper Co. owns 140 acres, which include several mines comprising the group known as Panucillo. The course of the two large lodes which contain this deposit is northwardly and southerly; they dip 45° from horizontal, and the width of the two is as great as 45 yards. The greatest depth attained here is 200 yards, and the total length of drifts is 1,500 yards. The ore is carried out through tunnels laid with rails, to places where a train of dump cars receives it for the smelter. It produced in 1903 22,000 tons of 4 per cent ore, employing 240 men. The ores in this mine are iron and copper pyrites in a calcareous vein, carbonate of chalk, and oftentimes garnets. This composition makes the ores very fusible, and as there is sulphur in them, it is easy to smelt them. The Panucillo Co. owns the mines Misniles, which is in the form of a sort of stockwork, from which the ore is taken out by tunnels. A depth of 100 yards has been reached in good ores, and the tunnels north and south 280 yards, and east and west 150 yards. In 1903 this mine produced 2,500 tons of 44½ per cent ore. About 2 miles from these mines the same company owns the Condesa, in Pasto Blanco, where they are working a vein a yard and one-half wide, running north and south, on which they are down 80 yards, with drifts 100 yards long. In 1903 it produced 600 tons of 6 per cent ore.

In Cerro Negro, near Angostura, the Central Chile Co. owns the Cocina and Inagotable, the latter with an enromous vein 20 yards wide, dipping 45°, which is worked in the same manner as a stone quarry, and, with 28 men, yielded 1,200 tons of 5½ per cent ore.

In all these mines there is now sufficient activity in preparatory work to insure a production two or three times greater in 1905. There are, furthermore, in this department the workings at Punitaqui, where the principal mine is the Mantos, not only copper, but also gold mines in active operation, and also several quicksilver mines, which are not worked at present, and the Gran Mineral of Tamaya, which is unquestionably the greatest copper mining plant in the country, and which to-day is so far abandoned that its production can be put down at almost nothing.

In this camp the chief mines are the Rosario, belonging to the Lecaros family; it is down 580 yards; the Chaleco, belonging to D. Fidelis Solar and others;

the San Jose, of Messrs. Silva & Rivas; the Llanos Blancos and Patos, of Mr. Enrique Concha Toro; the Murciegalos, 300 yards in depth; the Pique Pizarro, which is only worked from the Lecaros tunnel upward; the Almagro, San Lorenzo and Campanil, of lesser depth. In regard to the future of this working, it is better to quote the opinion of Mr. Isaac Varas Campana, who has worked these for many years, and is doubtless the most competent person to discuss it. In an article on this district, published in the annals of the fourth scientific Congress, Mr. Varas Campana concludes with the following words:

"From what we have shown it will be seen that Tamaya is far from exhausted; in the principal vein there is a great extent of ground which has not yet been explored, and the same is true of the secondary veins.

"Tamaya is kept in its present condition of depression, as we have said, by water which floods the lower levels of nearly all the mines. With this drawback removed, the mines would recover a great deal of their importance.

"Instead of working the parts of the vein which have been mined in former years and which have nothing but relics of their old splendor, explorations should be made in the virgin vein, and this is the only means of giving abundant and lasting profits.

"In a mineral mountain so important as Tamaya there is no vein which may not have a future. What the miner needs is facility for making his explorations in the most economical manner possible, and that there be not too much water in the mine. Without these requisites the work cannot fail to drag, because the moment the mine ceases to pay, work at a loss cannot long go on. The unwatering of the mines of the principal vein ought to be a joint operation, because several mines which communicate with each other are submerged. A joint operation among the mines to drain them would be the most practical way.

"The Lecaros tunnel would then be available for unwatering the communicating mines, but for this purpose it would be well to install an electric plant, because steam is injurious in the inside of a mine; it rots the timbers, softens the walls, and causes a good deal of heat in the drifts. In the Rosario we used steam pumps for years to free the mine, and we always had to contend with those disadvantages. If similar operations were undertaken on a large scale the disadvantages would be greater.

"The Urmeneta tunnel, which runs at an average depth of 430 yards under the vein, is destined to be the future means of draining these mines when once it shall be connected with them. To reach the mine, this tunnel would need to be

2,300 yards long, and would traverse more than 1,000 yards of unexplored ground, out of which there would be a possibility of more than paying its cost of construction; this tunnel would then become the great artery for exploring all the mines on the vein, when they were once under the same management."

To give an idea of what Tamaya has been, we reproduce the following table, which shows the output of the Rosario mine, now flooded, and whose floor timbers are down 590 yards and in good ore:

Table showing output of copper at the Rosario mine from January 1, 1866, to June 30, 1888.

Years.	Output. 100 lbs.	Per cent.	Refined copper 100 lbs.
1866	133,226.14	29.4003	39,168.88
1867	85,773.78	27.0952	23,240.56
1868	126,202.93	20.4084	25,756.00
1869	130,911.49	17.9869	23,546.92
1870	106,593.72	19.1233	20,384.24
1871	98,242.92	16.9886	16,960.10
1872	120,419.67	18.2534	21,980.67
1873	204,765.82	18.1412	37,146.94
1874	234,799.94	17.7680	41,719.11
1875	182,110.08	17.6920	32,225.18
1876	181,546.56	18.2586	33,154.31
1877	156,237.57	20.2235	31,602.77
1878	155,227.67	19.3483	30,039.63
1879	122,013.96	19.1528	23,373.64
1880	101,483.71	17,8758	18,144.49
1881	69,337.34	17.3842	12,056.07
1882	62,902.76	19.4003	12,205.68
1883	63,974.86	19.6939	12,601.56
1884	48,532.14	18,2859	8,876.21
1885	37,686.31	25.2852	9,530.90
1886	42,035.53	24.7049	10,386.82
1887	43,675.39	25,4727	11,127.45
Totals	2,507,700.29	19.7482	495,228.13

Combarbala and Illapel.—The output of these departments is relatively small; their total reaches only 3362.15 tons of 12.66 per cent ore. In the former of these two is the Talquitta district, where are situated the Alegria and Reseda mines, 7½ acres in extent, 12 miles from El Durazno smelter, and belonging to Mr. Francisco Grebe. Here they are working a north and south vein, 1 yard thick, employing 8 men, with an output in 1903 of 64 tons of 8 per cent ore. These mines are not down more than 14 yards. The Talquilla, owned by the same party, is

58 yards deep, with 93 yards of drifts; with 14 workmen it produced 13½ tons of ore, running 33 per cent. The thickness of the vein is about half a yard. The El Durazno district, with the Greditas mine, belonging to Messrs. Francisco and Julio Grebe, produced 33 tons of 12 per cent ore.

The Sauce camp, with the mines Bella Vista, Dos Hermanos and Tres Amigos, belonging to Messrs. Manuel and Jose Miguel Araya, is 24 miles from Combarbala, by rail, and is working a 1 yard vein which opens in porphyry, the drifts in which are 80 yards deep, and run horizontally 260 yards; its production is 143 tons of 16 per cent ore.

The Asendrados district with the Mirador mine of Messrs. Nazario Alegria and Jose Aviles, has produced 22½ tons of 14 per cent ore. Mansos is not producing at present.

The district of Gloria, with the mines Coquimbo and Serena, belonging to Messrs. Sarmiento and Belisario Vivanco, has produced only 15 tons of 18 per cent ore. Its vein is 1½ yards wide in granite, and its shafts down 90 yards. The Los Sapos, in which Messrs. Geysse and Ramires are working the mines Socavon and Cortada, is 37 miles from the station at Paloma. This plant has been very rich in the past, and its lower workings are considered very rich.

The Altamira mine of Mr. Jeronimo Tapia, in the San Lorenzo district, is down 260 yards, on a vein 1 yard thick, and with 27 men, has put out 100 tons of 25½ per cent ore. It is 54 miles from the station at Paloma. El Cobre, near Combarbala, is but little inferior in production to the above named.

At Llamaco is the mine of the same name of Messrs. Jose Tomas Ramos and Ramos, which has yielded during the year 155 tons of 22 per cent ore, with 14 men. In this mine are large deposits of 4 to 7 per cent ore, suitable for concentration, which could be worked at present rates of freight, and which would serve as a basis for installation on a large scale.

At Bella Vista the Trebos, of Messrs. Geysse and Hermanos, working 40 men, is down 115 yards, with 150 yards of drifts. It produced in 1903 720 tons of 12 per cent ore.

The Alcaparrosa group, at Los Hornos, 28 miles from Illapel, is working an irregular and very rich vein; it has yielded 300 tons of 7 per cent ore, leaving a good deal of 3 and 4 per cent ore on the dumps.

The Tongo is working good copper ore with a good percentage of gold. Messrs. Geysse and Hermanos are working it; depth, 160 yards; vein, 2 to 3 yards;

yield in 1903 with 90 men, 900 tons of 7 per cent copper and about ¾ ounce gold to the ton.

Other plants are the Mayacum and Quimenco, which are undergoing repairs.

Petorca and Ligua.—In the former of these departments are the Tambo, Las Palmas, La Vizcachas, Las Tazas, Canta Rico or Raices, El Mauro, Alicahue, La Alquitrala, and several others producing only moderately, although some are important from the point of view of their abundance of low grade ore. Among these latter the Alquitrala is especially worthy of mention as having an ore deposit running from 5 to 8 per cent, in the form of a stockwork. The greater part of the production of this department comes from the mines of Mr. Jose Ramon Espinosa, and the best of his mines is Las Raices, with an output of 537 tons of 13 per cent ore in a year, and a depth of 60 yards.

The Maria Luisa, of the Las Palmas plant, 150 yards in depth, produces annually 300 tons of 5 per cent copper. It also ships a fair quantity of precipitated copper coming from the impregnated water of the mine.

In the department of Ligua the mining plants are numerous, but generally the ores are of low grade, making economy and method of operation very necessary in order to secure a profit. The following is an enumeration of them: Los Maquis, Las Gredas, Cabildo, La Serena, Santa Rita, Curichilores, El Cobre, Santa Ana, Coligues, La Nipa, Patagua, Los Quemados, La Chilca, Las Guias, Yerba Loca, Monardes, El Verde, Altos de Catemu, El Palaqui, El Torno, La Mora, Los Angeles, Las Higueras, El Espino.

In the Las Gredas plant the Carmen mine, belonging to Mr. Otto Harmecker, has undertaken very interesting operations. Several thick deposits are being worked there. This mine has great ore reserves, amounting to 6,000 cubic yards, growing out of its exploration and preparation work. In 1903 it produced 1,100 tons of ore, yielding 5½ per cent, and it worked 22 men. It is supposed that its veins are a continuation of the Maquis, which, as we shall see further on, is one of the most important of the district.

In Mr. Harmecker's Maquis there is a series of 8 parallel veins, which have been traced on the surface for a distance of more than three miles. Among other exploration work there are 9 tunnels, varying from 50 to 250 cubic yards in width; the drifts are down 65 yards, and their length is 250 yards. It has mineral reserves estimated at about 5,000 cubic yards. In the Las Maquis group the Cervero estate owns the Padres and Fraguas, near the Maquis mine of Mr.

Harmecker. The character of these mines is the same as those mentioned above. The depth of the working is 130 yards and length 200 yards, more or less. In the Mipa camp, 9 miles from Cabildo, is the Montoya mine, also belonging to the Cervero estate, in which they are working an upright vein almost four yards thick, which opens in phosphoric rock, characterized by carbonate of chalk and violet colored bronzes carrying silver. The bronzes crop out almost on the surface. The depth of this mine is 350 yards vertically, and its drifts run 800 yards. In the same camp the Santa Rosa, belonging to Mr. Lorenzo Mena, is being worked with its annexes on a vein 2½ feet wide. The shafts are down 140 yards, and its lower drift, running 200 yards, is in good ore.

A large quantity of ore has been obtained for concentration. In the Curichilonco camp is the Cuevas, which, with 8 men, produced 34 tons of 12 per cent ore. The El Cerrado is still more important. It was not worked in 1903, but in 1904 it yielded 10 per cent ores from a vein 1½ yards wide, which had been worked down 170 yards. In the El Quemado, 5 miles from Cabildo, is the Cata mine, which, with its annexes, together with another group 500 yards distant, belongs to Mr. Lorenzo Mena, of Cabildo. These ores are low grade, running not above 4 or 5 per cent, but the entire vein is made up of carbonate of chalk and pyrites, which causes the ore to be very much sought by smelters as a flux. With 30 men this mine in 1903 produced 1,800 tons of 4 per cent ore. In El Cobre camp the Nueva Esperanza, of Mr. Jose del C. Meneses, produced also bronze carbonate of chalk, running 5 per cent. In the same camp the Torre mine, of Mr. Blas Murua, working a vein of similar character, produced 146 tons of 9 per cent ore.

In Las Guias camp the same owner is working the Judith mine, which has a yard wide vein, and produced 400 tons of 5 per cent metal. In the Palqui camp is a mine of the same name belonging to the Palqui Company, 12 miles from Cabildo, working a deposit 5 yards thick, with a great abundance of 5 and 6 per cent ores. In 1903 it produced 300 tons of 7½ per cent ore.

Putaendo, San Felipe and Los Andes.—Almost the entire production of these departments comes from Putaendo, and 70 per cent of this last comes from mines belonging to the French Co. Mines de Cuivre de Catemou, whose total output is 15,851 tons of 5½ per cent ore, giving employment to 575 men. The principal mines or groups of mines which belong to this company are: Las Mantos, connected with the shipping places of the camp by a suspended railway and an inclined plane with a double track. This mine is composed of a thick layer almost horizontal with sometimes 3 ore strata 1½ to 2 yards thick; it is copper pyrites,

sometimes a violet color, and averages about 4 per cent. Tunnels have been made in these strata during the past 70 years by the former proprietors. Nevertheless, the part of the deposit which has never been explored offers an immense field for future work. The actual explorations have been made with energy; the probable quantity of ore existing there is enormous. In 1903 3,500 tons were taken out. In the near future this mine will be equipped with all the mechanical appliances necessary to a quick and economical working of the deposit. It is also proposed to install a modern plant in the other mines of this company and operate them on a large scale. The El Salado camp is a series of deposits belonging to this same company; 15 of these strata have been explored, with an average thickness of 1½ to 2 yards each in quartz, impregnated with copper pyrites.

The other mines of the French company in operation are: La Caracoles, Almendro and Pleito, near the smelter; La Poza, where they are working layers of good ore; La Constancia and Democracia, 6 miles from the smelter, are made up also of copper bearing strata.

Province of Valparaiso.—In the department of Limache, commune of Olmue, in the camp La Campana, situated on the south slope of the mountain, they are working the mines Felicidad, Abundancia, Veta Grande and Opositora, belonging to Mr. Gustave Titus. The output of these mines supplies the smelter of Olmue, belonging to the same owner. The ores are abundant, but run low in copper, containing, however, as a compensation, a good percentage of gold, and no mean proportion of silver, by which their working is rendered very profitable. The yield is about 13,000 tons of 3½ per cent copper. In the department of Quilotta is found the Las Loros plant, belonging to Mr. Guillermo Carvallo. The mines Santa Elena and Maria have a vein 4 yards thick, with shafts down 60 yards. The output in 1903 was 300 tons of 8 per cent ore. The ores are chalk paste violet colored pyrites.

The most important mining plant in this department is situated in the commune of Nogales, and is El Soldado, belonging now to the Societe des Mines de Cuivre de Catemou. The mines which are now being worked are: La Marquesa, Malva, Taborina, Mantos Royos and the Las Guias plant, which is leased by this company.

The most important of all, and the one which furnishes more than 90 per cent of the entire output, amounting to 8,882 tons of 6¼ per cent ore, is the El Soldado mine, which is a very heavy stratum of ore 20 to 30 yards thick, running northwest and southeast, and dipping 50° to the east. It is worked by great open

cuts and tunnels. Its greatest vertical depth is 80 yards, following the stratum of the deposit.

Province of Santiago.—Among the ore producers of this province the first place is occupied by El Volcan, belonging to the Compania Minera de Maipo, and made up of the mines San Simon, Juanita, La Vega, Le Verde, Cortada, San Miguel, Mercedes, Charnarcillo and Florida, which occupy a width of 2,500 yards of an important lode which opens in mineral rock. The average width of the copper bearing part is about a yard, although some parts are much narrower and others open out to a width of 5 yards and even more. This mine yielded 17,997 tons of copper ore in 1903, employing 390 men. These figures put the mines of El Volcan in the second place among all the mines of Chile from the point of view of tonnage, coming in, as they do, a little behind the Panucillo.

The yield of nearly 18,000 tons of copper ore in a year from a single vein not unusually thick shows what can be done in mining in Chile when there is energy in the supervision and all mechanical appliances necessary for working a mine are provided.

The man who has set such a good example of industry and intelligence is Mr. Gregorio Donoso, the owner of the mines and of the El Volcan smelter. In the mines and the smelter El Volcan, an electric plant of 100 h. p. has been installed, which serves to drive the pumps, 4 hoisting machines, a ventilator, and 4 Siemens and Halscke drills, which generally work in pairs. Near this establishment Messrs. Jose Bruno Gonzales Julio and Julio Foster have several properties, among which is La Poderosa, a mine located on a vein running parallel to the one just described, at a short distance from it, and which gives indications of being as important as the preceding one.

Los Pinches, Los Cipreses, la Junta, la Colorado, and the Verde are also mines in which there are large deposits of 5 or 6 per cent ore. In the Noviciado plant, near Santiago, they are now installing a hydro-metallurgic smelter for working the abundant copper ores running from 4 to 6 per cent.

In the mountains of Lo Aguirre there are also very abundant ore deposits, but they are not being worked for lack of capital. In the camp of Las Condes the production is not heavy, but the ores mined are rich in copper; some of the mines are: San Lorenzo and San Augustin, belonging to Messrs. Elguin Hnos; the Descubridora, of the Compania Esplotadora las Bronces, and the mines of Mr. Fernando Lopez, who, with Mr. Francisco de P. Perez, did a great deal of mining in 1903. The total production of Las Condes in 1903 is estimated at 2,400 tons of

23 per cent ore, which was sold to the Martines plant, situated in the same camp.

The San Pedro Nolasco, belonging to Mr. Carlos Besa, has a large amount of copper and lead ores allied with gold and silver, and this mine, by reason of the abundance of its ore, ought to be actually worked, treating the ores at the mine or in its neighborhood.

Department of Rancagua.—Here great operations are going on in the El Temiente mines, belonging to the Braden Copper Co., of New York.

Department of Vichuquen.—In the El Cobre camp Messrs. Arturo Moreno and Victor Silva have begun work during the course of the year on a series of six layers and on some mineral veins suitable for concentration, which, by reason of their situation, abundant supply of ore and good percentage, give a good prospect.

Department of Talca.—This department has three mines in operation; the Restauradera, in the Colin camp, half a mile from the railway station of that name, which has a vertical depth of 80 yards on a vein a yard thick, and which belongs to Mr. Andre Corsino Pimentel; the El Cobre, 15 miles from Talca, belonging to Messrs. Pimentel & Gonzalez, and having a vein a yard thick; the Cordilla, belonging to the same Mr. Pimentel, and having a vein a yard thick. The total production of these mines in 1903 was 44½ tons, averaging 17.89 per cent copper.

In the departments further south no copper was produced, and yet there is no lack of copper veins there, which in many cases have been proved to contain ore.

Territory of the Magellanes.—During the course of the year prospecting has been undertaken at Cutter Cove on lodes 5 to 7 yards wide, carrying oxides of iron and violet colored pyrites, in quartz. A company has been formed to work these mines and smelt the ores on the spot.

COLLAHUASI MINE.

We wish to give an account of this wonderfully rich mineral region of Chile, which is without doubt one of the most bountiful deposits of copper in the world.

The data for this article are taken from a most interesting report prepared by Mr. José Muro, a distinguished engineer. We shall consider only such facts referred to therein as are of general interest to capitalists, eliminating points of private interest. The particulars which follow describe an enormous deposit

containing a visible supply of more than 500,000 tons of pure copper, without, of course, taking into consideration the prospecting now under way of this mine.

In this account the claims have been divided into groups, and these into companies that are actually exploiting the mines at the present time. The greater part of said claims, as will be seen, cannot in their present stage properly be termed mines, for the reason that they are no more than works of prospecting, and, therefore, it is not possible to determine from them the richness of the entire holdings.

GEOGRAPHICAL POSITION.

The mining region of Collahuasi is situated in the Department of Tarapacá, longitude west 68° 43′, longitude south 21°.

The extreme altitude of the summit of the Collahuasi Mountain is 4,880 yards above the level of the sea. The Collahuasi mine has been worked from a very remote period, as may be attested by copper tools found therein and by writings dating from the beginning of the seventeenth century.

In the Colonial days it was known as the Pereira mine, the name given at present to a mountain situated to the south of Collahuasi and separated from it by the Chiqlla Pass.

However, whether on account of its distance from populated centres or on account of copper not being in demand by the Spaniards, it was abandoned and never developed, and it was only in 1896 that new claims were made, upon the advice of Mr. Enrique Villegas, the well known miner, but the workings at that time did not give satisfactory results.

In the year 1899 new claims were staked out, and, on the basis of twenty-eight ownerships, with an area of 140 hectares, the Collahuasi Mining Company, known as the Grande, was organized, and the result of its workings has demonstrated the extensive mineral wealth of the region.

The company named Sindicato Collahuasi was afterward organized, and its directors in a short time, and with a comparatively small amount of capital, were enabled to show in the Poderosa an enormous quantity of mineral, thereby justifying the reputation which the mine boasts of to-day.

Roads.—The roads have an important bearing on the transportation question, and on account of the distance from the coast the Collahuasi mine is unable to take advantage of its entire output till the completion of a branch line of

approximately 40 miles in length now being constructed from Ollague to the mines by the railroad company from Antofagasta to Oruro.

It is only by way of Iquique, across the Pampa del Tamarugal, that traffic is carried on to-day by means of beasts of burden, and the starting point is the Lagunas station on the Nitrate Railroad. The distance from Iquique to the mines by this route is 90 miles.

The Collahuasi Mining Company, seeing the great distance it had to transport its output by way of Antofagasta, decided in the year 1902 to construct a highway starting from the Central de Challacollo and reaching the mine, passing by way of the Copaquire Heights in order that this mine might take advantage of the road, for which purpose the Copper Sulphate Company of Copaquire was to contribute a part of the expenses.

OROGRAPHY OF THE REGION.

The principal relief of the province of Tarapacá is shown by a chain of mountains which cross it parallel from north to south.

The first coast chain, whose west slopes descend to the level of the sea, has a slope to the east, which terminates in the Pampa del Tamarugal, at an altitude of 1,000 yards above the level of the sea. Following this is another and intersecting chain, lower than the first, the principal mountains of which are Mani, Challacollito, Challacollo, Lonqacho, etc. Between these two chains is situated the so-called Pampa de Tamarugal. The third chain rises abruptly to 5,000 metres above the sea, and its lowest passes are 4,000 metres high. This chain comprises the ridge of mountains of Rosario, Yabricoya, etc.

From the western slopes of these mountains all the passes end in the Pampa del Tamarugal, with the exception of the passes of Tarapacá, Chacarilla, Huatacondo and Mani, which commence at the fourth chain, of which we shall speak shortly, and which also runs parallel to the coast and is composed of the mountains of Collahuasi, Pacopacs, Yabricollita, etc. In the depressions formed between the third and fourth chains are found plains and lakes, like that of Huasco (3,740 yards), without any possible natural outlet for the water. At last comes the fifth chain (volcanic), which serves as the boundary between the province and the Republic of Bolivia.

Among the peaks that form it we will cite, as we stand on the outskirts of Collahuasi, the volcanoes Olca, Huruputuncu, the snow-capped peaks of Ninis, Lagunas, Qua and Cuite. New depressions are situated between the two last

chains, giving rise to the formation of the lakes Michincha, Copisa, etc., depressions which become the principal starting point of the Bolivian plains.

The main Collahuasi range is formed by the mountains of the same name and by those of Pacopaco, Chiqlla and Pereira, belonging to the fourth chain, and from its slopes branch out a number of passes. We will name the following as the principal ones: Uchujina, which takes its rise in the plain of Michincha; that of Huiquintipa, which is known under different names, until below it is called Huatacondo, and with this name it ends in the Pampa of Tamarugal. In that of Huiquintipa are found the passes of Yabricollita, Pacopacs, Silicatos, etc.; the pass of Chiqlla, which further down is called Quilaquila, and ends in the Tamarugal under the name of Mani. The pass of Poto branches off from Chiqlla and the pass Blanca from Pacopacs. The two end at Mani. At the principal passes secondary passes unite with them, crossing the country in various directions.

Notwithstanding the region is mountainous, the zone of Collahuasi does not present any fissures or abrupt slopes. The southern side of the mountains Collahuasi, Pacopaco and Chiqlla rises abruptly, and the northern is marked by gradual slopes to the place called the narrow pass of Huiquintipa. The mountains are covered with a thick layer of loose earth produced by the decomposition of the rock of the mountains of said place.

This covering, which hides the geological formation, has in certain places, as on the slope of the Poderosa mine in the San Carlos peak, 14 meters of thickness. Rain at an altitude of 4,000 to 5,000 yards is rare, and the water falls in the form of ice, which is slowly melted by the sun, not forming rushing streams of water to wash away the product of the decomposition of the rocks, this resulting in the phenomenon of erosion being better noticeable, for which reason the mountains present rounded forms, with few breaks and peaks, and the summits and sides covered by disintegrated rock that has not been washed away by water.

Climate.—The climate of this mineral region is cold. In winter the thermometer goes from 15° to 18° Fahrenheit below zero, and in summer it does not exceed 25° above zero. From December to March there are frequent snowfalls, and in the months of June, July and August the snow, which falls for a few days, reaches one to two yards in thickness, and, on account of the low temperature prevailing in those months, the melting is very slow.

Vegetation.—The vegetation in the mineral region is scarce, the mountain of Collahuasi and surroundings being destitute of vegetable growth. In the low lands resinous shrubs grow which give out a green blaze, and a grass which serves as food for animals.

Fuel.—The plant most appreciated for fuel, as well as for domestic purposes, to produce steam in boilers, is the yareta, which is in the shape of a sponge, and which obtains its nourishment from the granite rock, on which it spreads out and which it decomposes. Without any branches or leaves, it forms a solid entwining mass of a greenish hue when living and of a brown color when dried. On cutting it it presents fibres of a close grain texture, reuniting at a point which forms the principal root. On the outside it exudes a kind of resin, which it is said is very effective in curing toothache and healing burns and sores. The seed is likewise to be found on the exterior in very small grains, which are disseminated by the wind. Its growth is slow and its death takes place as soon as it commences to decompose the rock on which it thrives. It is found of one or more meters in diameter; though green, it burns, and when dried it makes excellent fuel. It produces much smoke and ashes. One ton of coal is equal to two tons of yarita.

Extent of the Mine.—The mountain of Collahuasi, whose waters flow from east to west, is crossed by a series of veins, particularly of copper, which run in the direction of ½ N. and 40° W., and the veins crossing from east to west. Among those of the first system we will cite as important the following, already known, which contain more or less mineral value in copper: The veins which cross the holdings of the Compañia Minera de Collahuasi are called Anita Delirio, Pergolesi, Esperanza, Huatacondona, Jilquero, Cape Town and Tinque. In the holding of the Compañía Poderosa the Poderosa vein, and in the mines of the Collahuasi syndicate the veins of the Dulcinea. The cross veins are not very well known, so I will cite only the San Nicolas.

Pergolesi Mine.—This is the opinion of Mr. Samuel Green, who made a study of this mine in 1903: This vein and its branches are in the holdings of the Delirio, and the respective veins, Delirio and Pergolesi, run in an almost parallel direction. The convergent horizontal point, according to studies, is found nearly 300 meters to the north of the cliff of Pergolesi. This is a most important point. The cubic extent of the works or excavations made is 3,000

meters, calculating the width of the vein, and the product has been approximated as follows (quantities based on an output of 300 per ton):

Extracted and disposed of, 30 per cent	$500,000
Ten thousand tons dug out, 20 per cent	600,000
Reserve in bridges and pillars, 20 per cent	600,000
Total	$1,700,000

Silicates and carbonates are the prevalent forms of all the veins found at the surface. Further down it changes to red and black oxides, and afterward to sulfurits of copper. In the veins of the Pergolesi there is extremely rich metal (copper glance) of 72 per cent. The extent of the actual vein being worked is 22 meters long and 5 wide, and the yield is 500 tons of 35 per cent copper.

The most positive proof of the richness that can be adduced is that from such a limited piece of ground, working in a manner so little in accordance with expert mining, so much riches have been obtained. Thus Mr. Green, the engineer, expressed himself about this splendid bonanza, which he continued to exploit until the end of the year.

A short time since an account of the workings of the Pergolesi and Don Eduardo mines was found attesting that they were one and the same vein, and that the richness of copper was presented in immense blocks, because in the Don Eduardo vein have been found columns of mineral more than 7 meters wide, with more than 30 per cent pure copper.

According to a pamphlet published on the 28th of February of the present year, corresponding to the second half of 1905, by the Compañía Minera Collahuasi, the quantity of ore at the mines was as follows:

TOTAL YIELD OF MINES.

Mines.	Tons.	Per cent.
Don Eduardo	30,633	28
Pergolesi	950	25
Esperanza	16,119	25
Anita	1,622	30
Delirio	588	25
Tinque	400	25
Sud America	350	28
Teresa II	350	20
Huatacondina	100	20
Jilquero	100	20
Palacina	100	20
	51,311	27

SQUARE OF SANTIAGO, SHOWING ARCHBISHOP PALACE.

Mines.	Tons.	Per cent.
Don Eduardo	2,825	23
Esperanza	730	22
Pergolesi	250	20
Anita	80	22
Sud America	50	22
Tinque	65	20
Delirio	30	20
Teresa II	50	15
Palacina	30	20
	4,110	22

Mines.	Tons.	Per cent.
Pergolesi	10,650	12
Esperanza	4,220	12
Anita	610	12
Don Eduardo	180	12
Jilquero	100	12
Huatacondina	50	12
Palacina	30	12
Cape Town	100	12
	.15,990	12

General recapitulation of metals in sight at the Pergolesi mine:

	Tons.	Per cent.
In the mine	51,311	27
Dug out	4,110	22
Dug out	15,990	12
Total	71,411	*23.353

*Per cent of copper on an average.

These quantities of metal correspond to 16,676.67 tons of pure copper, or, let us say, 37,355,740 pounds, of pure copper, which, at the price of 25 cents per pound, represents the amount of $9,338,943.

The above calculations refer only to metal absolutely prospected, that which is in sight, tangible, and in this one mine. Besides these, there are as important workings as those of Don Eduardo, the adjoining works of the Anita, those of the Esperanza, Sud America, Rosinda, Teresa, Palacina and Tinque, whose capacities are such that within the next six months the quantity of visible metal will have increased to $30,000,000.

The percentage of silver and gold that the metal of Collahuasi possesses, and which yields a surplus of $10 to $20 per metric ton, is another proof of the

richness of the company's mines, so that its actual value can be estimated at between $30,000,000 and $40,000,000.

VEIN OF SAN NICOLAS.

On account of it being characteristic of the second system of veins, which cross the Collahuasi Mountain from east to west, I will insert the description which Mr. Samuel Green made of this vein in his account already referred to.

This is a series of holdings which extend the length of the low grounds toward Huinquitipa on a very strong vein known by the name of San Nicolas. What characterizes this vein equal to that of Anita is the great quantity of manganese iron which it contains. As a matter of fact, it would not be wrong to call it a vein of iron. Here, as well as in the Anita, there exist numerous works of antiquity, and it seems that the old miners were looking for gold. I picked out samples to test them, but they only gave traces of gold, so I am inclined to think that the iron was used as a flux for the copper ore; or, perhaps, the gold is only found in spots, and the diggings have been hunted to these localities.

Further investigation to settle this point would be very interesting, because, if iron ore can be obtained by searching for gold, it would be an important element for the profitable fusion of ores.

A well has been driven in the vein. On the lowlands there is every possible evidence that rich copper deposits will be found under the layer of iron.

Samples selected at this point gave 19 per cent copper. In my account about the mines of the company I said: "This vein (San Nicolas) presents a declivity to the sun, but that which the cliffs show from the surface is manganese ore, and not copper."

After melting I found several chunks of oxidized copper, but this does not seem like the metal that was taken out by the ancients. At a certain distance from the Collahuasi mines I found the ruins of copper smelters, and it is from these veins they have extracted the manganese to melt the copper ore found in other veins.

PODEROSA MINE.

The mine which has been worked with most order, economy and advantage on a preconcerted plan of prospecting is without doubt the Poderosa mine. The Collahuasi syndicate transferred it to the company, which, under the name of

Compañía Minera Poderosa de Collahuasi, was formed in Valparaiso, with a capital of £240,000 ($1,200,000), divided into shares of £5 ($25) each.

PODEROSA VEIN.

The vein called Poderosa runs through porphyry, which on contact is found to be greatly changed and reduced to a homogeneous and soft, rocky paste. So intense has been the action of the mineral waters that they have percolated through the fissures of the vein, and in the principal openings of the mine at 25 meters depth even the porphyry loses its characteristic appearance. The vein runs ½ N. 40° W., with a slope to the south.

By the extensive prospecting of the mines already effected one can see that the vein presents the aspect of a compound lode, similar to those which exist in the South, as, for example, in Tamaya, they have yielded enormously. The workable width attains 9 meters, with 13 per cent yield of metal. In an adjoining cut of gallery No. 4 the mineral presents a width of 5 meters, with a yield of 40 per cent, while the general yield of the mine may be calculated at 24 per cent, with a width of 2 meters.

From my point of view, the vein which is seen in the Collahuasi mine presents a mineral more homogeneous and more constant, and which will not lose its importance by depth. If we compare the Poderosa vein with that of Delirio or that of Don Eduardo we can establish that in the Collahuasi mine two classes of veins can be distinguished—compound veins like the first, and single veins like the second named.

The Delirio vein is an ancient digging 4 meters in width, but all in quartz, and its two coverings can be easily distinguished. Between this filling comes the copper ore. In the Poderosa vein quartz is almost unknown, and the bulk of the ore is made of rock and copper alternating, which also are found present in solid masses, with little veins crossing, all the rock deteriorated by the water which filters through the fissures.

The Poderosa vein has been worked to a depth of 114 meters and horizontally to a length of more than 200 meters. The survey of the vein has proved that the mineralization passes through all the phases of cupriferous veins known; at the surface, the oxidized minerals; after that, the sulphurous, with a percentage of silver; then in the third place, the sulphurous, which in the Poderosa presents a yellow copper, with the great richness of the strata of copper.

DIFFERENT KINDS OF MINERALS.

Mr. Carlos Gregorio Avalos, the distinguished engineer, at present Minister of Public Works in Chile, in his report of January 22, 1905, says: "The prevailing kinds of minerals are subsulphate of copper (bronchatit), suboxide (rosiche de cobre), a trace of native oxychloride of copper and silicon, and finally, in the lowest depths, the subsulphate (bronce plateado) and purple bronze. Properly speaking, no yellow copper or lime pyrites have appeared.

A complete analysis of twenty-two samples taken from the interior of the mine gives the following result:

	Per cent.
Copper	20
Sulphur	4
Lime	2.6
Iron	2.8
Insolvable, silicon and silicates	66
Total	95.4

Percentage of some of the samples:

	Per cent of copper.
Carbonate of copper	33
Carbonate of black copper ore	56
Amagrado	30
Amagrado	36
Sulphurit of copper	98

ORIGIN OF COPPER MINERALS.

It is undeniable that the filling in of the mines of Collahuasi is due to the waters being charged with copper salts, which react on the elements of the rock from the fracture of which the precipitation of unsolvable salts of copper was produced. The attack of the waters on the rock which forms the covering of the seam is plain when one sees the attuation of porphyry on the covering of the Poderosa vein and the formation of a thick coating of clay. There remains once more demonstrated the beneficial power of mineralization on the seams of entirely different ages, as much in the Poderosa as in the Pergolesi mine, in which the advantage is in the crossing of a ferruginous seam.

OTHER WORKS.

In addition to the works in operation at the Poderosa, another digging has been started to the north of the principal peak, called San Carlos, to cut this vein

and to unite the entry and ventilate the galleries. Toward the north, in the holding of Rosario, there is another shaft sunk.

EXISTENCE OF METAL.

The mine is only in a state of preparation, the only extraction being from the galleries. The rich mineral of 30 per cent and over is sent to Antofagasta for the purpose of giving freight to the wagons which carry the materials and the victuals necessary for labor and food.

There is dug out, ready to be shipped as soon as the railroad is completed, 7,000 tons, with an average of 25 per cent. It is calculated that the bulk of the mine contains 73,000 tons, which total gives 80,000 tons of 25 per cent, or, say, 20,000 tons of pure copper, equivalent to 44,800,000 pounds, which, at the price of 25 cents per pound, gives a total of $11,200,000.

EXPLOITATION.

For the purpose of extraction the mine has command of only one vertical hoisting machine, worked by two mules. This hoister can raise six tons an hour from a depth of 100 meters, an average weight of 500 kilos per bucket. The cable is of steel 5/8 inch in diameter, and the buckets 90 c. m. high by 60 c. m. in diameter. The value of a hoisting machine at Collahuasi, ready to operate, is $7,000.

WATER.

The mine has an expanse of 25 cubic meters per twenty-four hours, and for extracting it there are used three steam pumps, graduated, one taking the water given out by the other. The boiler is situated in the interior of the mine.

EMPLOYEES AND WORKMEN.

The working of the mine occupies eighty men, the greater part of Bolivian nationality, habituated to the bleak climate. The miner earns $2 per day, the helper from $1 to $2, and the boy from 60 cents to 80 cents per day.

NUMBER OF PODEROSA CLAIMS.

The company possesses thirty-seven claims of 185 hectares. The names of the claims are: Tores, Poderosa, Rosita, Salustio I, II, III, Carlitos, Emilia I, II, Rosario, Nova Lagunas I, II, III, IV, Walterio, Maria Cirilo, Venilde, Buenaventura, Ricardo Alce, San Manuel, Carlota, San Augustin, Venus, Venus II, III, Rierco, Felipe I, II, Roberto, San Carlos, Enrique Campanil.

OTHER MINING COMPANIES.

All the Collahuasi Mountain and the neighborhood of the south, Pereira, and through the north as far as Yabricolita and Huiquintipa are covered with many staked claims on which various companies have been organized, but so far none are being worked worthy of mention.

THE BLANCA PASS.

Leaving the Poderosa mine and following the north side of the Collahuasi Heights, we arrive at the foot of Pacopacs, which is the beginning of the Blanco Pass, and which takes us to the principal mines of that region.

From Collahuasi the distance is 16 kilometers, and it is here that the mines of Mr. Gildemaster are situated.

This gentleman was the first to make claim for mine holdings in this zone, and the only one who afterward effected prospecting. The house of the miners is situated at the intersection of the Blanco Pass, which runs from east to west below the Pacopaco Mountain, with other secondary ravines, which extend from north to south, and spreads out from the side of Ancro de Huiquintipa.

NAME AND NUMBER OF CLAIMS.

The greater number of these holdings are grouped on the right ridge of the Blanca Pass, starting from the intersection of the two passes already referred to above. They possess twenty-four mines, named: San Enrique, San Gregorio, San Victor, San Bernardo, San Luis, Blanca I, II, III, IV, Elvira, San Juan, Eliza, Emilia, Herminia, Cimodocea, Abundancia I, II, Tiberio, Catalina, San Francisco and Endora I, II. They are independent and are clear of one another.

BLANCA MINE I.

This mine, of 5 hectares in extent, belongs to Mr. Gildemaster. This claim is situated at the north of the houses. The entrance to the gallery is on a small rail track. The bowlders are held together by clay cement. The stones generally are somewhat larger than a fist; few exceed this size, being formed of quartz porphyry and porphyrita.

BLANCA MINE III.

Several superficial prospectings of this mine exist, in which are found stains of mineral oxidized by copper on the vein that takes a northwesterly direction, many prospectings have been made, but none that appears very im-

portant. The vein does not present any definite coverings, but, on the other hand, shows a rent in which copper ore is deposited; but as the seams were so very narrow they did not form deposits of much importance. The principal gallery begins outside of the vein, which it then joins with a curve.

The mineral continues for almost 60 meters. It is formed of the oxidized species, silica predominating, the latter measuring 0.20 centimeters in width, and with a 6 per cent value of pure metal.

ABUNDANCIA TUNNEL.

In the claim Abundancia I a tunnel was followed to a short vein, with a view to surveying it, and it ran 120 meters. The section of the tunnel is 1.80 meters by 2 meters in height, and it is well constructed.

SANTA JOVITA DE POTO.

The pass of Poto commences on the south slope of the Chiqlla peak, being a distance of 9 kilometers from the Blanca Pass, and runs in a southeasterly direction. Access to the mines is obtained by crossing the ancient Yariba mine, said to contain gold, but in reality having never produced anything of value. Descending into the Poto Pass (coming from the side of the Blanca Pass), one finds the houses of administration of the Compañía Minera Santa Jovita de Poto mines. About 100 meters to the south of the starting side of the pass and near the bottom is the mine.

SAN CARLOS.

All the works of the mine are formed by a shaft of ten vertical meters, followed by galleries measuring 5 meters and running horizontally. From the top to a depth of 7 meters the vein carries subsulphates and silicates of copper, but not in exploitable, paying quantities, and at a greater depth it all disappears, the vein following irregularly. The vein runs from north to south and diverges to the east.

SANTA JOVITA MINE.

This mine is formed by a caving of loose stone of a few meters. This is the full extent of the prospecting work that the Santa Jovita Company had done up to the time of our visit to their mine.

XIQUINTIPA MINE.

On the lower slope of the mountain of Collahuasi and Pacopaco are situated

the mines of which we are going to speak. We shall briefly divide them into two sections, the first of which we shall call silicate, and the second vein mines.

HIQUINTIPA SILICATES.

The mountains of Pacopaco, Collahuasi, Yabricollita and their slopes have been occupied, before the formation of filling in of the veins, by enormous avalanches of snow, and at the foot were undoubtedly formed lakes similar to those found in modern avalanches. By the Hiquintipa Pass there exist a series of them, one flowing into the other. In the first would remain all the heavy material carried down by the water, but the fine particles would be deposited further on.

To-day there exist two passes, which break from the slopes north of Collahuasi, that of the silicates and that of Hiquintipa, uniting a little below the mines of the Compañía de Copaquire. In the tertiary period these passes did not exist, and in their stead there was a lake, where the waters deposited the materials carried with them, filling up to the edge. Later, in the quarternary period, the work of denudation commenced, which has undermined the innumerable passes, that, joining with one another, empty themselves into the Pampa del Tamarugal. All the materials cut loose by the waters in the Collahuasi region and surroundings have descended to the Pampa through the passes of Huatacondo and Maní. With these materials, those that came down from the other passes, such as Chipana, Cohuiga, Chacarilla, etc., continued to fill up the great interior ocean of fresh water, that, dry, to-day is called Pampa del Tamarugal. By this process of erosion the former bottom of the lake of the Andes has been plowed up and divided by the waters having isolated and with its sides visible between the passes of the silicate and Huiquintipa, the great mass of conglomerates that filled its basin.

COPPER CONGLOMERATES.

The stones of the conglomerates are formed for the most part of porphyry similar to the rock of the neighboring mountains, and their edges are hardly worn. Their size rarely exceeds that of a fist, and generally the conglomerate consists of small stones, among which some large ones are found. At a certain height of the actual level of a pass, and in many meters thickness, the clay which forms a glutinous cement has been replaced by a silicate of copper, giving rise to the formation of a streak of conglomerates, with an appreciable percentage of copper. The bed is visible at four points. The cupriferous zone occupies the

VALPARAISO. SHOWING NAVAL CLUB, POST OFFICE, ETC.

intermediate part of the formation, and all the thickness of the conglomerate mass has the same composition, varying only in the clayey element. The diggings show that the covering of the mineral has a thickness of 10 meters of barren conglomerate, and after passing through the part cemented by the silicate of copper the same conglomerates continue. It should be noticed that going from the mineral part to the barren it is rough, without any other passage in which the percentage of copper diminishes or increases. The conglomerates cemented by clay are of weak consistency, and those united by silicate of copper can only be separated by explosives. There has not been found any loose copper ore between stones united by the silicate of copper, nor between the barren conglomerates which either cover or follow them. The silicates only run round the stones uniting them, and the ore deposit cannot have been formed by the destructions carrying out any croppings of the veins of the Collahuasi and neighboring mountains, as in such a case the variety of minerals would be enormous, and would be found in the form of bowlders.

The horizontality of the deposit, its homogeneous composition and the silicate of copper occupying the interstices of the stones are positive signs that the mineralization was produced by the waters, which, charged with salts, flowed to the lake, where by a double reaction there was produced the precipitation of the silicate. The deposit is contemporary to the filling up of the copper veins of the adjoining mountains, and took place during the eruption of the foregoing, which gave the last relief to the Cordilleras.

SILICATES OF THE COPAQUIRE COPPER SULPHATE CO., LTD.

This company owns in Hiquintipa six claims, of 30 hectares in extent, called Ana I, II, III and Rofelia I, II, III, which occupy the greater part of the ground of visible cupriferous conglomerates. They are continuous and cover the hill separating the passes of the silicates and Hiquintipa. In the claims of Ana II the Copaquire Company sank a shaft to a depth of 50 meters, with the following result:

	Meters.
Barren conglomerates of the top	10
Conglomerates with copper silicate	9
Barren conglomerate	31
Total	50

The shaft, having struck water, could go no further, and did not take the rock, but followed the line of conglomerates of the same composition. Numbers

of assays of samples have given as a general average a yield of 3½ per cent of copper. The diggings have shown thicknesses as high as 20 meters, but 10 meters is a fair average.

Mr. Stanton, general manager of the Copaquire mine, calculates that there are 12,000,000 tons of this mineral belonging to said company.

VALUE OF THE HIQUINTIPA SILICATES.

The commercial value of these immense deposits of conglomerates depends absolutely on the industrial exploitation made of them, for though the mineral be abundant and of easy exploitation, it has only 3½ per cent of copper. The amount of mineral found in this one claim is valued at 12,000,000 tons of 3.62 per cent, or 420,000 tons of pure copper.

VEIN MINES OF HIQUINTIPA.

The mines of this group are situated on both sides of the pass of the silicates until you reach that of Hiquintipa. They occupy the higher part of the pass and a higher level than the conglomerates of the silicates of copper. They adjoin the mines in the Collahuasi Mountain. The ground is somewhat flat and formed of slight undulations, which break away from the Pacopaco and Collahuasi mountains.

SILVER MINES IN CHILE.

Silver is one of the most important products of Chile, and has been in former years one of the chief sources of its wealth. Silver mines, like copper mines, are numerous in the country, as we have before remarked. Silver and copper are generally found in the same vein, so that quantities of argentiferous copper ore, which during the period of high prices for silver were worked for the latter metal, were subsequently worked as copper ores when the price of silver fell in the market. The greater part of the mines in Chile are worked indifferently for copper or silver. The production of this metal (silver) has been so important that the country came to be designated by the word Plata, wealth in general. We say of a person, he has much or little silver; he is worth so much silver. Silver was so abundant formerly in Chile, according to the Spanish chroniclers, that domestic utensils were made of it instead of iron, and it was in common use among the people for spurs, bits, stirrups, horseshoes and buttons. It was in such common use, according to the historians of the time, that there was no family in comfortable circumstances whose household utensils were not made of that metal; table service, cooking utensils, pots, bowls, vases, everything was of silver. Silver was used instead of iron and crystal, which were dearer, thanks to the abundance of silver and the isolation in which Spain kept her colonies with regard to the rest of the world. Even now field laborers, farmers, etc., use solid silver spurs and ornaments for their mountings. It must be added that the only wealth of Chile at that time came from working silver mines and gold placers, under certain restrictions imposed by the Spaniards, so that gold and silver were the two articles of export to the mother country to pay for the imports, the expenses of administration, and the duties levied by the King. In recent times the persistent fall of that metal in the markets of the world has caused work in the mines to diminish. Yet the country holds fourth place among the producers of the world. At present an improvement in price is looked for, and Chilean miners are beginning to work their silver mines again. It must be borne in mind that a large part of the silver produced in the country is not exported, but is coined, and in part also sold to the Government in bars. The ores generally found mixed with silver in the mines in Chile are

arsenic, sulphur and chlorine. The veins are carbonate of chalk, quartz, sulphate of baryta; in combination with these metals silver is found.

Silver ores begin to appear in the country in latitude 33°, and are found to the northward. According to geologists who have studied the structure of the country, they are distributed at random, but with a certain order, in three parallel zones, each having peculiar characteristics of its own. The richest silver deposits in Chile are in the longtudinal valley where silver is sometimes found pure in solid crystals, or filaments and dendrites. In some of the silver mines of the department of Copiapo at Chanarcillo masses of pure silver, weighing more than 200 pounds, have been found.

The second zone of silver deposits in Chile is found to the east of the longitudinal valley; there the metal is found alloyed with copper, bismuth and mercury, particularly with copper, which is generally the predominating metal. The third zone is situated still further to the east, in the Andes; there the silver is always mixed with copper, and presents itself under the form of veins of argentiferous copper.

Of these three zones the richest in silver deposits is the first; but as the ones in this zone carry only silver, they can not be worked advantageously when the price of that metal is low in the world's markets, and are at present neglected.

This is not the case with the two others, which, although poorer in silver, can yet be worked for their copper when the price of silver is low. For this reason the activity at present is concentrated on the two other zones. The silver in these generally pays for taking out the copper. Many other metals are found mixed with silver, as iron, nickel, cobalt, lead, bismuth, mercury, antmony, etc. Among the silver mines of great importance in the first belt are the famous Chanarcillo, Arqueros, San Antonio, Juan Godoy, etc. The Arqueros is situated in the department of Serena, in latitude 29° 30′, and produces native silver with a base of sulphate of baryta; it was discovered in 1825, and it is estimated that since that date it has produced more than 600 tons weight of pure silver. The Chanarcillo is also a very rich mine; it is situated in Copiapo, and was discovered by a woodchopper in 1832. The discovery of these mines brought to Chile an era of prosperity which had never before been seen in the country, and more particularly in those days when the value of silver was much higher, relative to gold, than at present. The silver mines at the time of their greatest splendor exerted a great influence on the public mind; the population of the country flocked to the mining centres, which were transformed as if by enchantment to scenes of feverish activity and excitement, and the

greater part of the fortunes of the country date from that period. In the mines of Chanarcillo the silver deposits occur in veins and heavy strata; the most remarkable are the Manto-de-Ossa and Manto-de-Mandiola, so called from the names of the families to which they belong. Below these strata are found veins which extend for several miles. On these veins are the celebrated Guias-de-Carvallo, Dolores, San Francisco, Delirio, Descubridora, Candelaria, all of which have been very rich, but are not actively worked at present for reasons already given. San Antonio is an important mining camp in Copiapo; it has been worked since 1829, and produces silver allied with bismuth. Rodeito, in the department of Serena, 10 miles southeast of the Arqueros mine, is very rich in veins of native silver.

Rosilla, a mining centre in the same department, contains amalgams of silver as well as the Cabeza de Vaca mines, near the village of Totoralillo, where there is an amalgamating plant.

Sacramento.—A neighborhood abounding in silver mines, 10 miles east of Chanarcillo.

Cachiyuyo is a rich silver mine in Copaipo, southeast of Chanarcillo.

Tres Puntas is a rich mine, also in the department of Copaipo, situated about 50 miles northeast of the city of Copaipo. It was discovered in 1848, and is near the mines of Chimbero and Inca de Oro. It yields a chloride of silver running as high as 70 per cent.

Parpote is a silver mine in the department of Copiapo.

Pabellon, in the same department, in latitude 27° 41′, has a plant for working silver ores.

Baudurrias is a group of silver and lead mines (sulphate of antimony of silver) in Copiapo, near the mines of Chanarcillo and Juan Godoy; it has a plant for working these ores.

Lomas Bayas is a mining camp in the same department, where several silver mines are worked.

Ladrillos is a silver mine in this department, five miles from the railway.

Algarrobo is a group of silver mines in the department of Vallenar.

Agua Amarga is a mining camp in the department of Vallenar, in latitude 28° 50′. Rich veins of silver were discovered there at the beginning of the last century; these ores were celebrated in Chile for the quantity of native silver which they contained.

Pampa Larga, in the department of Copiapo, abounds in silver mines.

San Felix, in the department of Vallenar, is an important mining centre.

Algodones is a mining camp in the department of Elqui, which abounds in silver mines.

Huantajaya is one of the richest mining camps in the world. It is in the department of Tarapaca, in latitude 20° 14′, about 7 miles from the sea. This mine has been worked from the time of the Spanish rule. On one occasion a solid mass of silver, weighing 725 pounds, was sent to Madrid from this mine. Humboldt estimated, when he visited this camp early in the last century, that the mines had produced about $180,000,000. Work is actually being carried on there by several different companies.

Caracoles is a group of silver mines in the department of Antofagasta, in latitude 23°. The important mines Caracoles, Blanca Torre and La Isla are there.

The greater part of the camps which we have mentioned have plants for the reduction of the ores. The ores are treated by firing in reverberatory ovens, and also by the process of cupellation.

Province of Tarapaca.—In this province is the plant "Challacollo," situated in the interior of Iquique, which produced last year 37,000 barrels of precipitated sulphurets. Near by the former is the Cavancha, which has ceased to produce since the fall in the price of silver. At Iquique there is a very well managed plant which produces 10,000 tons a year; it is the Compania Internacional Minera i Beneficiadora de Huantajaya.

Province of Antofagasta.—In this province there are two plants for reducing silver ores, that of Mr. Camilo Ocana, already mentioned in speaking of gold mines, where 12 tons of this metal were treated last year, yielding 280 pounds of fine silver. About 3,000 tons of ore are handled here annually. The other plant, in the same province, is in the department of Taltal, and is called the "Arturo Prat." It belongs to the Compania Minera i Beneficiadora de Taltal, and handles about 7,000 tons yearly. This establishment yielded 3,200 pounds of refined silver last year. It has two boilers of 100 h. p. each, two motors of 80 h. p. each, and all the necessary apparatus.

Province of Atacama.—Here are situated the plants of Pabellon and Totoralillo. The latter belongs to Messrs. Echeverria y Blanco y Co., and is near the railway station. Its production last year was 7,200 pounds of refined silver, which was sold to the government for the mint at Santiago. The Pabellon plant belongs to the Sociedad Anonima de Pabellon, and, like the first named, is situated near the railway station. For the treatment of its ores it uses the Khroner amalgama-

tion system. It produced 7,100 pounds of refined silver last year, which was sold to the Government.

Province of Coquimbo.—Last year only two plants turned out silver. The Marquesa, belonging to the Todos Santos Co., and "El Trapiche," which is the property of Mr. A. Mery. La Marquesa has a plant of 140 h. p., and produced last year 2,000 pounds of refined silver and 5½ pounds of refined gold.

GOLD.

Gold abounds in Chile; there is not a mountain nor hill where that metal is not found in greater or less quantity; its production is one of the principal sources of the national wealth.

Gold in Chile is generally found in gold bearing veins inclosed in veins of copper or natural silver; it is also found in alluvial soils in fine grains and nuggets, and in the beds of rivers. Especially in the southern part of Chile, rivers and streams are found whose beds contain gold bearing sand. By treating these sands by the old method of cradle and pan, a part of the population near these diggings gain a livelihood. The greater part of the gold produced in the country comes from the mines. Before the discovery of the country by the Spaniards the aborigines obtained gold in the mountains. According to the Jesuit father, Diego de Rosales, the historian of the Spanish conquest, the tribute which the country paid to the Inca of Peru, to whom it was subject, amounted to 14,500 pounds of pure gold annually. During the period of Spanish rule in Chile, the only currency of the country was gold dust, even in the small transactions of commerce, for the purchase of meat, bread, fruit, poultry, vegetables, etc. The placer mines are so numerous that they are found in all parts of the country, in Cofquimbo, Huasco, Copiapo, Ligua, Pertorca, Tiltil, Talca, Concepcion, Imperial, Femuco, Valdivia, Magallanes, Punta Arenas, Tierra del Fuego. They are so abundant that a profitable employment for laborers in those parts is to to wash out and pick out the gold, a kind of labor which also permits them to lead a wandering and independent life. Gold is generally found in the country in veins or pyrites, like the greater part of the deposits of copper; the work is for the most part done in a primitive manner. Mr. Amédée François Frézier, a French engineer, who was sent to Chile in 1711 by the court of France to study the country, published in Paris on his return in 1716 an interesting and circumstantial account of his voyage in a volume entitled "Voyage to the South Sea," speaking of the mines in Chile, he said that gold existed in such abundance that, in the province of Coquimbo alone, there was employment for more than 40,000 laborers in working the gold mines and the placer mines.

At Santiago, since the year 1759, a partial record at least has been kept of the

ARAUCANO INDIAN OF CHILE.

production of gold in the country at the mint. Up to the year 1768 40,000 pounds of refined gold were bought and coined at the mint. The exact production of gold in Chile cannot be computed for those years, for the reason that the greater part of it was not sold at the mint, but was exported to Spain or other countries by travellers themselves. As we have said, gold and silver mines were the only source of wealth under Spanish rule, and they were worked under certain regulations only, and the two metals were the only medium of exchange with the mother country. Gold mines which were worked by the aborigines before the discovery of the continent, continued to be worked by the Spaniards during their rule.

During the last half of the last century the product of gold in Chile diminished by reason of the great activity in the silver mines of Arqueros, Chanarcillo, Juan Godoy, Caracoles, etc. During that period the greater part of the miners hastened to the provinces of Atacama and Coquimbo to increase the production of the white metal, and this operated to the detriment of the gold mines. After that the working of the nitrate deposits contributed to draw capital and labor away from the gold mines. This intermittent production shows a lack of labor and capital for mining purposes; if these were abundant in Chile, the working of copper, nitrate, silver, gold and other deposits contained in the soil would increase proporitionately, and an increase of one would not cause a diminution of another, as at present. Gold ores are generally worked in Chile by amalgamation, an operation based on the affinity of mercury for gold and silver. Statistics of the production of gold in the country are hard to obtain because the greater part of the gold dust obtained from "diggings" is taken away by each passenger personally.

Chile resembles California in many respects. As Vicuna Makenna, the illustrious Chilean writer, said, Chile and California possess a physical, geographical and geological structure very similar. What California is to the northern hemisphere Chile is to the southern; its climate, latitude, geological phenomena are a reproduction of those of Chile, and vice versa. The chain of the Andes corresponds to the mountain system of California. The central valley of Chile is the Sacramento and San Joaquin of California. The maritime Cordillera of Chile is the Coast Range of California. From Sacramento the Sierra Nevada range is a duplicate of the Andes, divided at Angol, in almost the same latitude. Sacramento is in 38° 33′ north, Valdivia in 38° 40′ south. The gold bearing region of California corresponds point for point to the countries of Araucania. The rivers Sacramento, San Joaquin and Juba correspond to the Bibio, Renaico, Cautin,

Tolten, Calle-Calle, Bueno, etc. The resemblances of climate, productions and landscape are known to travellers in both countries. In California the seasons are divided as in Chile; it rains during the same part of the year, and there are the same wet and dry seasons. Moreover, to show that these resemblances are not accidental but fundamental, like the formation of the soil, it is to be remarked that in California, as in Chile, great silver mines have followed gold mines; the copper of Arizona is found in California, hard coal in Nevada. Now, since all the provinces, northern and southern, in Chile are made up of gold bearing sands as in California, we believe that the future of gold mining in Chile will depend largely on the adoption of California methods for the extraction of gold from the ores. In California ground yielding 10 or 15 cents a cubic yard is worked successfully. In Chile the deposits of Punitaqui, Gualleco, Hierro-Viéjo, Catapilco, Andacollo, Marga-Marga, Illapel, Cheapa, Alhue, Apalta, etc., generally yield 25 cents or more per cubic yard. Mr. Domeyko, the learned geologist, who made an exhaustive study of the geology and mineralogy of Chile, says that the gold washings are in granite soils, unstratified, in rocks which made up the great part of the Pacific coast and the highest part of the Andes, known in geology as crystalline rocks. According to Mr. Domeyko, in those countries of the world where the richest gold bearing sand is found, as in the washings in Russia, the yield is not greater than in Chile.

GOLD PRODUCING REGIONS.

The principal quartz mines and placer mines in Chile are situated in Andacollo, a city in a valley in Coquimbo, in latitude 30° 14′. These mines yield copper and gold in abundance, the first in large masses in its native state, the second in dust along the bank of the river, and in the mines of Churamata and Toro, in the neighboring hills. From the time of the Spanish conquest gold has been found there in great abundance, and it is said that the hill of Andacollo is one of the richest placer diggings in the world.

Alhue, a city in the department of Melipilla, in 34° latitude, near the hill of Lincomavida, at the foot of which is a brook of the same name, owes its origin to the discovery there of very rich gold mines in 1739.

Lavaderos de Tucapel.—A collection of placer mines in the department of Lebu, between the river Tucapel and the Curanilahue, to the east of the Aranco highway.

Illapel, in latitude 31°, has gold mines which were worked with success in the

last century; they cover an extent of 4,500 square miles, intersected by mountains and rivers. This country abounds in deposits of copper and gold.

Caren, is a stream in the department of Illapel which rises in the Andes and empties into the Illapel. Placer mines and metalliferous deposits existed along its course to its mouth.

Marga-Marga is a mountain chain situated on the boundary between the departments of Casablanca and Limache. Numerous gold mines and placer mines are found there.

Chamonate, in the department of Copiapo, 7 or 8 miles northeast of the capital, in the hills of Patacon, has mines which have been worked since 1756; in the hills are rich gold and copper ores.

Chauchoquin is a hill in the department of Copiapo containing silver ore which has been very rich, and veins of gold.

Cachiyuyo is an old mining camp in the department of Copiapo which has produced considerable quantities of gold.

Agua Amarga, a hill in the department of Vallenar, in latitude 28° 50′. celebrated for gold and silver mines and copper veins, produces native silver in extraordinary shapes.

Casuto is a ravine in the department of Petorca, in latitude 31° 46′, celebrated for the abundance of gold produced there and in neighboring regions; nuggets weighing up to two pounds have been found there.

Tiltil is a valley in the department of Santiago, in 33° of latitude, thirty miles from the capital. In the gulch of a stream which unites with the Batuco to form the river Lampa are found the rich mines and washings of Tiltil, where are good facilities for crushing ore.

Caleo is in the department of Santiago; in its hills and along its winding brooks are mines of copper and gold.

Quilacoya is a river between the departments of Concepcion and Pere; at its confluence with the Millahue and with other streams there are placer mines which were worked by the Spaniards. According to Marino de Llovera, the chronicler of that epoch, in the plants existing in 1552 they harvested more than 180 pounds of gold daily.

Damas, a river in the department of Imperial, rising in the Cordillera of Nahuelvuta, empties into the Imperial. On the banks of this river a great deal of gold is found.

Niblinto is a village in the department of Chillan, on a small river of the same name, where there are rich mines and placers.

Repocura is a river in the department of Imperial, which rises in the Cordillera of Nahuelvuta and flows into the river Cholchol; it runs through flat and fertile plains. On its banks there are gold placers.

Ponzuelo is a locality in the department of Osorno, where the rich and celebrated mines of the same name were worked; their ruins to-day attest their importance. They were discovered in 1561, and contributed greatly to the wealth of the country. The gold, besides existing in abundance, is the purest and the easiest worked in Chile, and is almost equal to refined gold.

Villa Rica is a ruined city, founded by Don Pedro de Valdivia in 1552, the first governor of Chile. It is on the southern bank of the Tolten, in latitude 39°. There are rich placers and gold veins. The open country is fertile and picturesque, and surrounded by a high growth of pine, cypress and other trees.

Navarino is one of the larger islands of Tierra del Fuego, in latitude 55°; north of it is the Beagle channel, and south the gulf of Nasseau. Its length from east to west is about 20 miles; it is uneven, mountainous; there are plains for cattle, and a great deal of gold in the mountains.

Picton is an island about 11 miles long by 3 miles wide, at the entrance of the Beagle channel. There is land there suitable for colonization and placer mines.

The island of Terhalten, 3 or 4 miles from Navarino, in 56° latitude, is round in form. There is a good deal of gold there, an abundant vegetation; it is well watered, affords fish and game. It has a good roadstead. The little port of Lonnox appears to be a good place for colonization.

San José de Valdivia, in the department of Valdivia, in latitude 39° 34′, on the north side of the river of the same name, is situated in a plain where there are gold placers.

The average annual production of gold in the country from 1545 to 1560 was 4,000 pounds; from 1560 to 1600 it was 2,000 pounds. This falling off was due to the abandonment of placers in Southern Chile on account of the wars in 1575. The placers the most worked during those years were Marga-Marga, Quilacoya, Imperial, Villarica, Madre de Dios, Osorno, Ponzuelos, Illapel and Choapa. In the seventeenth century the annual production was only about 700 pounds, because of continual wars with the Indians, which permitted only the working of the placers of Andacollo, Illapel, Choapa, and those in the province of Santiago.

In the eighteenth century they began to work the veins of Lampaqui, Illapel and others in Copiapo, which, by their large production, gave a great impulse to gold mining. During this century the production reached an annual average of 4,000 pounds. From this period dates the working of the Inca, Chamonate, Chanchoquin, in the province of Atacama, and the Andacollo, Talca, etc., in Coquimbo; the Bronce, Llahuin, Hierro-Viejo, Las Vacas, Casuto and Catemu, in Aconcagua; the Quillota, Limache, in the central provinces; the Alhue, in O'Higgins; Chivato, in Talca; the Pocillas, in the province of Maule; those of Niblinto, in the province of Nuble.

The gold mines discovered in Chile to the present time number 906, of which 250 only, or 27 per cent, are now in operation. The others have been abandoned for want of capital. Almost all the gold mines in the country are worked in a superficial manner, and the greater part have not been worked to a depth of more than 300 feet. The principal mines in operation are the following: In the province of Antofagasta there is a gold mine belonging to Messrs. Villegas and Serrano, who installed in their San Cristobal mine a plant which is giving good returns. In the mines of El Guanaco, in the same province, are the properties of Messrs. Enrique Hintz and Camilo Ocana, among which are the Estrella of Venus, one of the richest in that locality. The total production of Antofagasta last year is estimated at 12,812 tons of gold ore.

Province of Atacama.—This is the province which has been the most productive of gold of any in the country, and the richest departments in this province are Copiapo and Freirina. The Inca mines are situated in Copiapo, the most important of which are the Guias de California. In the department of Freirina the mines of Pan de Azucar, Isabel et Mina Oriente de Cerro et Negro, yielded last year 752 tons of ore. The remaining production came wholly from the mine of Canutillo, 13 miles from the city of Freirina.

This mine belongs to Messrs. Symma and A. Pool. The plant of the Anglo-Chilean Exploration Co. (limited) is near by. Its property covers 150 acres, including the mines Perseverencia, Victoria and Cubana, which produced last year 43,780 tons of ore. The total production of the province of Atacama last year was 47,430 tons of gold ore.

Province of Coquimbo.—Last year the most active mines were Andacollo, Punitaqui and El Sauce, in the department of Elqui. The total production of the province of Coquimbo was 9,500 tons of gold ore.

Table showing the production of gold and its value in piasters from 1545 to the end of 1902:

Years.		Gold in grammes.	Annual product in grammes.	Value in piasters.
1545 to 1560	16 years	32,000,000	2,000,000	
1561 to 1600	40 "	40,000,000	1,000,000	
1601 to 1700	100 "	35,000,000	400,000	
			350,000	
1701 to 1720	20 "	8,000,000	400,000	
1721 to 1740	20 "	8,000,000	800,000	
1741 to 1760	20 "	16,000,000	1,000,000	
1761 to 1780	20 "	20,000,000	2,000,000	
1781 to 1800	20 "	40,000,000	3,110,000	
1801 to 1820	20 "	51,000,000	2,000,000	
1821 to 1830	10 "	12,000,000	1,200,000	
1831 to 1840	10 "	12,000,000	1,200,000	
1841 to 1843	3 "	3,000,000	1,000,000	572,115,717
1843 to 1850	7 "	6,223,000	889,000	
1851 to 1855	5 "	3,000,000	600,000	
1856 to 1860	5 "	3,500,000	500,000	
1861 to 1865	5 "	2,200,000	440,000	
1866 to 1870	5 "	2,000,000	400,000	
1871 to 1875	5 "	1,500,000	300,000	
1876 to 1880	5 "	1,200,000	240,000	
1881 to 1885	5 "	1,500,000	300,000	
1886 to 1890	5 "	6,500,000	1,300,000	
1891 to 1893	3 "	3,600,000	1,200,000	
1894	1 "	1,659,008	1,659,008	2,986,200
1895	1 "	1,789,082	1,789,082	3,220,348
1896	1 "	1,634,076	2,941,337	3,941,337
1897	1 "	1,538,315	1,538,315	2,768,967
1898	1 "	2,037,307	2,037,307	3,666,973
1899	1 "	2,059,641	2,059,641	3,707,354
1900	1 "	1,947,637	1,974,637	3,454,344
1901	1 "	1,100,292	1,100,292	1,980,525
1902	1 "	1,285,514	1,285,514	2,313,925
Total	358 years	323,400,772		599,155,690

Provinces of Aconcagua, Valparaiso and Santiago.—These three provinces, by reason of their central location, their transportation facilities, their water power, which is abundant and easily made available, have a great future in the gold mining industry of the country. At Aconcagua, in the department of Petorca, work has been resumed on the Las Vacas mine, and has begun to give magnificent results. It is situated 12 miles from the port of Las Vilos, and the company which is working it has a capital of 750,000 piasters. The very rich mine Los Bronces, at present almost wholly abandoned for lack of capital, has the same importance in this province as the former mine. The Llahuin mine has a rich vein of gold bearing ore more than 15 feet wide, running $12 to $15 to the ton, and might

equally serve as a basis for a large operation. In the province of Santiago the Tiltil, Las Lloicas and Alhue, in view of their richness and proximity to the capital, ought to attract capital to work them.

Messrs. Luis Bussenius, in the El Cepo mine, and Messrs. E. Koëgel & Co., are working veins which yield $10 to the ton. The Alhue mine, the property of Mr. Enrique Stuven, is now being worked; it yields an abundance of ore running from $12 to $15 to the ton.

The Compania Aurifera de Aculeo has important mines in the province of O'Higgins; they are San Rafael, Mula, Muerta and Quizco.

Province of Talca.—Here is the rich historic mine El Chivato, now abandoned from lack of capital to pump it out, for it has been flooded for years. It is down 540 feet, and before it was flooded they were working a vein 42 feet wide, which was yielding $9 to $12 to the ton. This mine might become the source of great wealth. It is 1¼ miles from the station of Maule. In the same province, 10 miles from the station of San Raphael, is the Lomas Blancas mine, with a 10 foot vein running from $20 to $30 to the ton. This mine is down only 160 feet; it is being worked by the Sociedad Aurifera de Lomas Blancas, which has just imported from Europe the necessary machinery for active operations. The province of Talca produced last year 1,587 tons of gold ore.

GOLD PLACERS.

In the province of Coquimbo the gold placers of Andacollo and Punitaque yielded last year only 85 grammes worth of gold. In this same province all the placers yielded that year 258 librs. The province of Aconcagua contains the celebrated placers Casuto, Hierro Viejo, Caneto, Longotoma, etc., which, although worked by scattering individuals, without capital nor resources of any sort, produced 8½ librs in pure gold during the year.

In the province of Valparaiso are the celebrated gold washings of Marga-Marga, Quilpué, Vina del Mar, Casa Blanca, which yielded last year 15½ librs in pure gold.

In the province of Santiago the washings at Melipilla, Tiltal, etc., produced 1½ librs in gold.

The province of Nuble, at its washings of Niblinto and San Carlos, produced 23 librs in the same period.

At Concepcion, in the washings of Quilacoya, Florida and Coronel, the prod-

uct was 27 librs. At Aranca, in the placers of Canete, ½ libr. The province of Malleco produced 11 librs in gold.

The washings of Cautin, such as Lonquimay, Carahue, of the river Imperial and Las Damas, have an immense future. The washings of Lonquimay alone, from their discovery in 1898 to 1903, have yielded more than 1,200 librs in pure gold; last year they yielded 107 librs. There is a great opportunity for installing hydraulic works in the province of Cautin on account of the great number of streams and rivers, yet up to the present time, with one or two exceptions, all those rich deposits have been worked in the most primitive fashion. The total product of the province is 220 librs.

In the province of Valdivia are the rich workings of Madre de Dios, Villarica, etc. Of late years three enterprises, well provided with capital and equipment, have been started in that province. Its production is 107 librs.

The provinces of Llanquihue and Chiloé have good washings at Carelmapu and Puerto Montt, which produced last year only 2 librs in gold.

Territory of Magellan.—Last year there was great activity in all the washings in this region, as well in Tierra del Fuego as in the islands of Navarino, Lenox, etc. The output of gold last year was $150,000.

Among the different companies engaged in hydraulic mining in the Territory of Magellan, we will mention the Sutphen de Lavaderos de Oro, which controls 1,500 acres of land on the rivers Oscar, Rio Oro, and Rio Verde. They have a dredging machine of 200 h. p., and are working deposits of an average thickness of 7 yards, which yield from $1.00 to $1.25 per cubic yard. They expect to take out 800 librs during the year.

As we have said, it is almost impossible to ascertain the exact amount of gold produced by the placers, because this metal is generally recovered in the form of dust and kept in the possession of its owners. When it is exported it is generally without declaring it at the custom house. Such details, however, as are available in regard to the production of gold for the year are given below:

	Grammes.	Fineness.
Antofagasta	1,050	0.834
Atacama	1,352	0.808
Coquimbo	105,830	0.903
Aconcagua	3,812	0.872
Valparaiso	7,010	0.982
Santiago	1,596	0.832

VARIOUS FRUITS.

WHEAT.

TOBACCO.

RASPBERRIES, CURRANTS, GOOSEBERRIES.

"Nitrate of Soda Propaganda," by William S. Myers, Director for United States and Colonies, John street and 71 Nassau, New York. Write to above address for information.

	Grammes.	Fineness.
Nuble	10,259	0.531
Concepcion	12,375	0.028
Arauco	295	0.888
Malleco	11,321	0.891
Cautin	93,815	0.865
Valdivia	48,390	0.958
Llanquihue	538	0.910
Chiloé	406	0.888
Gagallanes	150,000	0.915

To sum up: The great gold washings cover the country from north to south; there are 906 of such mines known, of which 350 are being worked, and that only in a superficial manner. How many more are there not yet known? What an immense field is open to the intelligent and skilful employment of capital! The mind is lost in contemplating its enormity.

PRODUCTION OF COAL IN CHILE.

The details and some of the data for the greater part of the coal mines of Chile are given in the following description, taken from the "Estadistica Minera de Chile":

Mines of Cerro Verde of the Company Carbonifera de Penco.—These mines are situated in the commune of Penco, department of Concepcion, and are 375 acres in extent; their freight is moved from the railway station at Penco, and they own a private dock for shipping coal. They employ 200 laborers below ground and 120 above. The layer of coal is 4 feet thick, and is all taken out of submarine mines. The greatest length of the tunnels is 1,730 yards. The total yield is 24,000 tons, which, by subtracting the 3,600 consumed in the mine, gives a net yield of 20,000 tons. At present a new tunnel 400 yards long is being driven in virgin ground, and this, once completed, will make it possible to put out 500 tons of coal a day.

Mines de la Compañía Carbonifera, fundicion de Schwager.—These mines are situated in the commune of Coronel, department of Lautaro, Concepcion, connected with the city of Coronel by a railway three miles in length belonging to them, the tracks of which run on a dock belonging to the same company. Three layers of coal are being worked there, the thicknesses of which are 3, 4 and 4¼ feet, respectively. The total production of coal in 1903 was 254,264 tons, of which 24,057 tons were used under the boilers and 6,079 tons given to the workmen for domestic use, leaving a net product of 223,228 tons. This company, with its railway and private dock, controls also three steamships, sufficing to load 3,000 tons of coal a day. Its output might easily and comfortably be brought up to 500,000 tons annually.

Mines de la Sucesion Rojas Miranda a Puchoco, Coronel.—These mines, which in the course of the year have been taken up by a new company to give greater scope to the works, are at present producing on a small scale. Work is being carried on in three layers, 3, 4 and 2 feet thick, respectively. There are, moreover, two veins, one 4 feet and the other 5 feet in thickness. The total output in 1903 was 30,000 tons, of which 3,000 were consumed in working the

mine, leaving a net output of 27,000 tons. This year the production will certainly be double that of last.

Mines, Del Buen Retiro.—These belong to the Company Explotadora de Lota i Coronet, and are situated in the commune of Coronel and connected with the port of that name by a private railway, which runs to the dock belonging to the company in that port. This group comprises 500 acres of land. The total production of the mine in 1903 was 90,000 tons, 8,000 of which were used in working the mine, leaving 82,000 available for market.

Mines of Canta Rana.—These mines belong to Mr. Fernando Mocoçain and are situated near Coronel. They cover an extent of 125 acres and are connected with the port by wagon roads.

Mines of Coal Cementerio.—These mines belong to Mr. Galvarino de la Jara and lie near the former ones, in the vicinity of Coronel, where the coal is taken by wagon road. The total output is estimated at 7,149 tons and its own consumption at 749, leaving a net product of 6,400 tons. This mine, like the preceding one, has no submarine tunnels.

Mines of Playa Negra.—They are situated to the south of the port of Coronel and belong to the Compañía Explotadera de Lota i Coronel. Preliminary work is going on here for a great output; a vertical shaft and a drift have reached new ground under the sea. In 1903 the output was 11,170 tons, out of which it was estimated that 1,170 were used in working the mine, leaving a marketable product of 10,000 tons. In 1904 the product of these mines was very important, and during this year they will be greatly developed.

Mines of Lota.—These mines belong to the Compañía Explotadora de Lota i Coronel and are situated in the environs of the port of Lota, toward the south side, and are connected with a loading dock by a railway, which is also the company's property. The mine is worked within by means of electricity and compressed air. There are three layers of coal being worked, of an average thickness of 5 feet, reached by two vertical shafts. The production of coal in 1903 was 300,000 tons, from which, deducting a consumption of 30,000 tons, there remains a marketable product of 270,000 tons. The central power generator is set up at a place called Chivilugo, three miles and a half from Lota. The combined power of the three streams of water gives 487 gallons per second, with a head of 365 feet, which corresponds to 726.88 horsepower.

Mines of Quilachanquin, Pique Adela.—These mines are situated in the

department of Arauco, near Peumoa Carampangue, on the banks of the river of that name. They belong to Messrs. Castellon & Martinez and have a superficial area of 2,800 acres. One layer only of coal is being worked, 3½ feet thick. The output in 1903 was 7,500 tons, of which 720 were used in working the mine, leaving a net product of 6,780 tons.

Mine Loreto.—This mine is situated in the territory of Magellan, near the city and port of Punta Arenas. The Loreto mine belongs to Mr. Agustin Ross. It is connected with the port by a railway 1 meter in width, and is destined to be of considerable importance in the future. A large layer of lignite 6 feet thick is being worked there; the drifts are 300 yards long, following the course of the layer, and 230 yards long following the pitch of the mine, which is 4 per cent from the horizontal level. During the year 1903 6,000 tons of coal were mined there.

TABLE OF THE PRODUCTION OF ANTHRACITE COAL.

Department.	Name of Mine.	Owners.	Situation.	Production, in tons.
Concepcion...	Cerro Verde.....	Compania Carbonifera de Penco	Penco.....	24,000
Department of Lautaro..	Puchoco Schwager.....	Compania Carbonifera i Fundicion Schwager.....	Coronel.....	254,264
	Puchoco Rojas..	Sucesion Rojas miranda.....	Coronel.....	30,000
	Buen Retiro....	Compania Explotadore de Lota a Coronel.....	Coronel.....	90,000
	Canta Rana.....	Fernando Mocoçain.....	Coronel.....	16,806
	Cementerio.....	Galvarino de la Jara.....	Coronel.....	7,149
	Plava Negra....	Compania Explotadora de Lota i Coronel.....	Coronel.....	11,170
	Lota.....	Compania Explotadora de Lota i Coronel.....	Lota.....	300,000
Department of Arauco..	Quilachanaquin, Pique Adela..	Castellon y Martinez.....	Carampangue.	7,500
	Curanilahue....	Arauco Company, Limited.....	Curanilahue..	83,344
	Minas Rabal....	Ramon Rabal.....	Curanilahue..	40,998
Department of Lebu....	Minas Errazuriz..	Sociedad Chilena de Fundiciones..	Lebu.....	(1)
Territory of Vaga Lanes	Compania Nacional de Lebu..	Compania Nacional Carbonifera de Lebu.....	Lebu.....	58,979
	Loreto.....	Agustin Ross.....	Punta Arenas.	6,702
			Total..	923,912

(1) According to the custom-house.

ANALYSES OF CHILEAN COAL.

COAL FROM COLCURA.

Analysis of Mr. Domeyko:

	Per cent.
Carbon	78.30
Hydrogen	5.50

	Per cent.
Oxygen	8.37
Sulphur	1.66
Nitrogen	1.06
Ashes	5.68

Analyses made by Mr. Noguès:

Coal from—	Water, per cent.	Volatile matter, per cent.	Fixed coal, per cent.	Ashes, per cent.	Heating power, Berthier heat-units, kilo-grams.
Talcahuano	14.06	37.44	44.50	4.00	5.468
Penco (Cerro Verde)	12.88	41.42	42.80	3.00	5.764
Santa Ana	15.65	35.05	47.10	2.20	5.559
Dichato (Tome)	13.80	49.10	25.60	11.50	4.913
Coronel (Veta Chica)	3.50	28.50	58.70	9.30	6.480
Coronel (Veta Chica)	3.50	36.10	50.60	9.80	5.630
Coronel (Veta Chica)	5.50	34.50	50.50	10.00	6.472
Coronel (Veta Chica)	5.00	36.70	50.30	8.00	6.472
Coronel (Veta Merquin)	4.70	39.10	48.20	8.00	6.472
Lota	3.80	41.80	51.30	3.10	6.472
Colico	4.00	43.00	42.00	4.00	5.950
Curanilahue	3.70	37.85	55.05	3.40	6.182
Lebu (Veta Buitrera)	4.70	40.60	43.70	11.00	6.473
Lebu (Veta Chica)	4.20	45.60	44.60	5.00	6.473
Lebu	4.70	35.60	53.70	2.00	6.473
Lebu	4.20	41.00	53.00	1.00	6.473
Average	6.74	38.96	48.29	5.99	5.942

An average of these sixteen analyses by Mr. Noguès gives the following result:

	Per cent.
Water	6.74
Volatile matter	38.96
Fixed coal	48.29
Ashes	5.99
Total	99.98

Table of analyses made in the laboratory of the State Railways. Analyses made by Mr. Pedro Luis Gonzalez:

Coal from—	Water.	Volatile matter.	Fixed coal.	Ashes.	Density.	Heat units, Berthier.	Heat units, Thomp-son.	Sul-phur.
Cerro Verde	4.426	38.974	48.720	7.880	1.276	5.148	....	3.158

Coal from—	Water.	Volatile matter.	Fixed coal.	Ashes.	Density.	Heat units, Berthier.	Heat units, Thompson.	Sulphur.
Puchoco	1.743	35.711	47.376	15.170	1.290	4.644	7.595	0.450
Canta Rana	0.980	43.680	52.240	3.100	....	4.275	....	0.956
Lota	4.415	31.785	44.700	19.100	....	5.095	....	2.744
Lota	4.976	36.214	57.876	0.934	1.283	6.078	7.978	0.405
Curanilahue	1.110	41.420	54.300	3.160	....	6.056	....	0.412
Curanilahue	3.195	40.205	54.670	1.930	....	....	7.891	0.293
Lebu	3.000	37.950	53.610	5.440	1.280	5.791	7.127	1.280
Average	2.982	38.242	51.687	7.089	1.282	5.298	7.398	1.211

The result from the average of these eight analyses shows:

	Per cent.
Water	2.982
Volatile matter	38.242
Fixed coal	51.687
Ashes	7.089
Total	100.000

MANGANESE.

There are large deposits of this metal in Chile, and recently the working of them has been begun. Exports of it to Europe are already important, and numerous foreign and domestic houses are interested in its production. The oxides of manganese are used in commerce and general manufactures, for making chlorine and bromine, to give color to glass and crystal, in the production of varnish, in coloring soaps, in dyeing, in printing cloth, in preparing permanganate of potash, etc.; in short, its industrial usage in the world is important, and is increasing daily.

The exports from Chile to foreign ports last year were as follows: Manganese ores shipped from the port of Carrizal, 2,964,864 libs.

The production of this mineral may assume large proportions in Chile. The metal is found in great abundance in the province of Coquimbo. In a mining camp called Tambillos, situated in latitude 30°, there are rich mines of manganese and cobalt. There are some also in the mining camp of Arqueros, in the department of la Serena, in latitude 29° 50′. A large number of veins of this metal have been discovered in the mountainous country of Rungue, situated at the northeast extremity of the department of Santiago. There is also some in

the hills of Pajonal, in the department of Copiapo, in 27° 44′, near la Caleta de Totoral, about fifty miles from the famous mines of Chanarcillo. Likewise in the mines of Zapallo, in the department of Vallenar, which has been so rich in gold mines, abundant veins of manganese and cinnabar are found. In the mining camp of Lomas Bayas, ten miles from the village of Loros, in the department of Copiapo, there is an abundance of carbonate of magnesia. It is also found in the important mining camp called Cabeza de Vaca, at Copiapo, near the port of Tortoratillo, not far from the mines of Pampa Larga and Romero. We will add that the quantity of manganese imported to the United States from different countries reaches a large aggregate, and that the whole of it could have been furnished by Chile. It will thus be seen that the working of manganese mines in Chile might prove very attractive to capitalists. The pressing needs of manufactures and of metallurgy and the scarcity of rich manganese in the world cause a continual increase in the price of the metal. At the present time it is very much in demand for manufacturing and in metallurgy in Germany, England, Austria, Belgium and Russia. There is a strong company in Chile for mining the metal, the Chilean Manganese Mines, founded in 1899. This company owns deposits of manganese at Ovalle, Treirina and Coquimbo, and has a capital of $575,000. Its offices are at Coquimbo, and its manager is Mr. Hannibal Pool. Its agents at Valparaiso are Messrs. Duncan Fox & Co. Deposits of manganese in Chile are of very good quality and generally free from phosphorus. Those found in the province of Valdivia, near the port of Corral, are immense, as are also those in the province of Aconcagua, near San Felipe, at Atacama, Coquimbo, Huasco and Treirina. The manganese exported from Chile contains about the following number of parts in 10,000 of the substances enumerated below:

Peroxide of manganese	5,600
Protoxide of manganese	2,400
Peroxide of iron	60
Silica	510
Phosphorus	3
Carbonate of chalk	900
Undetermined	527
Total	10,000

Independently of its use in the manufacture of certain kinds of steel, manganese is in considerable demand for the manufacture of permanganate of

potash. Last year there was a single establishment in France turning out this product. It has shut down, and the permanganate used in France comes wholly from abroad. The manufacture of permanganate in Chile could be engaged in with a certainty of an outlet for such quantities as might not be required in the country. The materials necessary for its production are bioxide of manganese, chlorate of potash and potash, all easily prepared by means of electrolysis. A substitute for chlorate of potash can be found in azotate of potassium, easily obtained in Chile under economical conditions. Carbonate of manganese, which is often found in veins of great richness, is, together with the bioxide or peroxide, a raw material of great importance. The former of these, however, seems to us more particularly adapted to the manufacture of steel requiring manganese.

BORAX (BORATE OF CHALK).

This is the commercial name given to a salt composed of boracic acid and a base, which is found in immense deposits in Chile, and of which the export has of late years been undertaken with great activity. The deposits of this substance in Chile alone would supply the requirements of the whole world. It is very much used at present, as well in medicine as in manufactures. Among pharmacists it furnishes boracic acid and the greater part of the borates. By reason of its antiseptic properties it is much used in disinfection generally and for the preservation of organic matters. In chemistry it is used to test oxides, assay minerals, smelt silica and aluminum. In general manufacturing it is used in making white and colored enamel; to enamel plates used to indicate street numbers; in painting glass, and in making a special covering for porcelain. It is also used to solder metals; it incorporates itself with the separate parts and unites them. The working of borax deposits in Chile is of recent date, and for that reason the industry is not greatly developed. In a few years, however, it will grow up on a large scale.

In the province of Tacna and in Tarapaca, Antofagasta, Atacama and Coquimbo there are extensive fields of borax one and one-half to two feet thick, with an alloy of 30 or 40 per cent. Among these we will mention workings in Chilcaya and Charquelimpic, in Tacna, Ascotan, in the department of Antofagasta, in latitude 21° 35′. Pintados, in the department of Tarapaca, with an area of 25,000 acres, fifteen miles from the little port of Patillos, belongs to the Compañía Nacional de Borax. The Borax Consolidated (limited) is a company which

YIELD OF VINE FERTILIZED OMITTING NITRATE NITROGEN, 1,013 lbs. OF GRAPES.

YIELD FOR FERTILIZED VINE, WITH NITRATE RATION, 5.45 lbs OF GRAPES PER VINE.

Increased yield due to the use of nitrate of soda, 400% over yield of fertilized vessel omitting nitrogen.

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has large holdings in Chile. It has a capital of $7,000,000. Its offices in London are at 776 Grace Church Street; its representative at Valparaiso is Mr. F. Lesser.

Among the deposits of borax in South America those of Peru alone are worthy of consideration, because those of Bolivia and the Argentine Republic are in a condition of inferiority compared to those of Chile, by reason of their great distance from the seacoast. Those in Peru are in a much more favorable situation, but, excepting the deposit at Salinas, the others which have thus far been discovered lack importance. It follows that conditions in Chile are exceptionally favorable for handling borax. The total production of borax is about 100,000 tons, distributed among different countries, as follows:

United States	34,000
Chile	18,000
Turkey	12,000
Argentina	10,000
Peru	8,000

The remainder is furnished by Bolivia, Italy, India and Germany.

The deposits in Chile are in different parts of the territory between the 15th and 26th parallels of latitude. This immense region is divided into plateaus, rising by steps, with a general northerly and southerly direction. The tract is 100 to 125 miles in width, with an elevation of from 3,500 to 6,000 feet above the sea. Like the celebrated marshes of California and Nevada, to which they present a marked analogy, these singular formations of borax appear to be due to the evaporation of former lakes, whose waters can still be seen in many of the nitrous soils. Borax is essentially a volcanic product. The nitrous lands contain a variety of formations. There is borax in them, but when it exists the conformation of the deposits of this mineral is identical in all of them. It is most commonly found on the surface of the ground in deposits varying in thickness from a few inches to five feet or more.

As we have said before, the only form of borax found in the deposits in Chile is borate of chalk, which in some places forms compact masses of a fibrous character and white as snow. It is generally moist and slippery.

The deposits of borax discovered thus far are at Chilcaya, Cariquima, Pocopoconi and Pintados, in the province of Tarapaca; Carcote, Pajonales, Gorbea, Parinas, Infieles, Ascotan, Dioloque, Ceres, Calartoco, Tiloposo, Vegas de Car-

vajal y Aguas Calientes, in Antofagasta, and La Isla Pedernal and Maricunga, in Atacama.

The borax plants at Pintados, Ceres, Carlartoco, Tiloposo and Vegas de Carvajal are found on tablelands within the Andes, and their purely accidental formation must be attributed to large quantities of alluvium from the volcanic regions of La Puna, which brought the mineral with them down to those places where it now lies. The clear form of the borax found there, and the nature of the soil in which it lies—sand and smooth pebbles—confirm this supposition. To give an idea of the almost fabulous wealth existing in these deposits of borax in Chile we will make a hasty estimate of those in Chilcaya, the richest and most extensive of the deposits of borax in Chile, and whose production, together with that of Ascotan and Pedernales, is destined to control the markets of the world. The deposit of Chilcaya, or Surire, as it is also called, occupies the centre of an immense valley, surrounded by several volcanoes, belonging to the most uneven part of the Andes, near latitude 18°.

The tract is 12 miles long by 6 miles wide, and its altitude above the sea is 13,000 feet. The saline deposits cover about two-thirds of the total extent of the valley. Besides borax, they consist of common salt, sulphate of soda, clay and plaster. The different zones of borax, taken together, cover at least a third of the nitrous lands. The thickness of the different layers, according to numerous explorations of the deposit, varies from 3 to 4 feet. There are places where a depth of 5 feet is reached, but those are not taken into account in our calculations, which are based on a minimum. For this reason we reduce the average of 1 foot to 10 inches, the general depth of the existing workable borax. The average of the salt on the land contains from 24 to 36 per cent of boracic acid, and in order to give it the 40 per cent required by commerce it suffices to concentrate it. This operation is not difficult, and consists in drying out some of the water which it contains, which is done by exposing the stratum to the action of the sun and wind for several days, and then treating the salt in reverberatory furnaces. The last part of the operation is generally done at the port of shipment. The density of borate of chalk, according to Professor Baily, of California, is 1.65. The loss in drying may be estimated at 25 per cent, and 25 per cent for concentration to yield 44 per cent in boric acid. Working on this basis, we have: Superficial area of tract, in square yards, 40,000,000; thickness of one-quarter of a yard gives 10,000,000 cubic yards; a density of 1.65 gives 16,500,000

tons. The coefficient is ⅔×¾=½, which, deducted from the former, gives 8,250,000 tons. Therefore, in spite of the intentional reduction in our calculations, there are at Chilcaya 8,250,000 tons of borax 44 per cent in strength. Borate of chalk, 44 per cent strength, sells in Europe at present for £9 or £10 a ton. At the lesser of these prices the deposit would represent a value of £74,350,000. In regard to deposits of nitrate of soda or other analogous deposits, it is difficult to estimate them on account of the layer of earth which covers them; but this is not the case with the borax in Chile; those deposits are always on the surface, and present no difficulty other than that which arises from their extent. The millions of tons of borax contained in the deposits of Chilcaya are as nothing compared to those of Ascotan and Pedernales, the extent of which is measured by hundreds of square miles.

In point of fact, actual work is going on only in the mining district of Ascotan; from this deposit comes 90 per cent of the total export from the country. This district has been worked regularly since 1884, but its greatest activity dates from the arrival there of the railway from Antofagasta to Oruro. The old Chilean Company of Ascotan, whose capital was $400,000, paid out in dividends from 1893 to 1897, at which date it sold out to the Borax Consolidated, $1,130,000, and held in its treasury at the time of the sale more than 75 per cent of its capital. The product at that time did not exceed 500 or 600 tons annually. To-day, when the production has trebled and the annual increase of consumption in the world is between 15,000 and 20,000 tons a year, it is possible to forecast the results which would follow new workings at Chilcaya, Pedernales and other points abounding more in minerals and better situated than Ascotan.

Such are the brilliant conditions of this industry in our country, whose production is destined to take a foremost rank in the future because of the abundance and richness of the deposits with which nature has endowed Chile.

COMMON SALT.

The deposits of salt in Chile, like the greater part of its mineral deposits, are inexhaustible; that at Salar Grande, situated to the east of Huanillos, is the most important in Chile, salt being found there in its pure state—99 per cent chloride of sodium. This deposit has a superficial area of 80,000 acres and a known depth of 60 feet, the bottom of the stratum not having been reached. The quantity of salt in this deposit is estimated at 12,000,000,000 tons, and in

spite of this unheard of supply it is worked only in a perfunctory manner. Chile contains several other similar deposits, sufficient to supply the wants of the world for centuries.

IODINE.

This is a by-product of the nitrate which is taken in large quantities in Chile from the bitter waters of acetate of soda when once the crystallization of the nitrate is made. Iodine is widely employed in medicine, in manufacturing, in photography and in making artificial coloring matter.

GUANO.

Guano is a substance of organic origin which makes a valuable nitrogenous fertilizer and is found in large quantities in Chile. In its natural state it is in the form of a dry powder of a pale color. It contains nitrogen and phosphoric acid, and consequently acts upon vegetation through the medium of both of them. The nitrogenous part promotes the growth of leaves and herbaceous vegetation; the phosphorus furnishes grain and fruit. Guano also contains chalk and potash. As a fertilizer it is much esteemed for giving vigor to exhausted soils. It is adapted to cereals in general, to grass, industrial plants, tobacco, colza, turnips, flax, beets, and particularly to fruit trees and vines. The export of guano is not permitted by the government of Chile; the deposits in the country are kept as a reserve of wealth and fiscal resources for the future, and are worked on a small scale only to supply the agricultural wants of the country.

The principal deposits of guano in Chile are at Mejillones, in Antofagasta, in latitude 23°, in hills lying near a gulf of the same name. There are good deposits there.

At Guanillos, a small port, in the department of Tarapaca, in latitude 21° 12′, in a bay sheltered from the winds. In the surrounding hills there are abundant deposits of guano.

At Pabellon de Pica, a small port, also in the same department, in latitude 20°, 54′, surrounded with hills, there are many deposits of guano.

Punta Pichalo, a place situated on the coast of the department of Pisagua, in latitude 19° 36′, abounds in large deposits of this substance.

Punta de Lobos, a small port in the department of Tarapaca, latitude 12° 05′, has a dock and contains deposits also.

COBALT.

The working of this metal has of late assumed considerable importance in Chile, and is destined in the future to become still more important because of the numerous mines of it which are found there, and which are also abandoned. The metal is much used in the arts and in manufacturing and commerce generally. The quantity imported to the United States last year was considerable; all manufacturing countries in the world use it in large quantities. The mines of this metal, when they shall be developed, may become an important source of national wealth to Chile. Some of the deposits of this metal in the country are as follows:

In the mines of San Juan, about 20 miles south of the city of Freirina and 30 miles from the port of Huasco, there is a group of extensive mines with good ores, where oxides of arsenates and sulpho-arsenates of cobalt are found. Cobalt is present there either separately or united with other metals. This group is practically unworked, and yet easy to be worked.

Petacas, a mining camp situated 25 miles south of the city of Vallenar, and about 12 miles from the railway and station of Nantoco, has good veins of cobalt.

In the silver bearing lodes of the mines of Bandurrias, Chanarcillo, Pampa Larga, Cabeza de Vaca, Tres Puntas, in the province of Atacama, there are good veins of arsenate of cobalt.

In Copiapo, in the mining camp Sacramento, five miles from the railway station Los Molles, there are good veins of this metal. The principal mine of the group is La Cobriza.

In the same department there is a camp called Manecitos and Cerro, near the railway station of Los Loros, and about 40 miles from Copiapo.

In the mining camp Pabellon, 35 miles from Copaipo, there are good veins of cobalt which have not as yet been worked.

In the valley of Maipo, in the province of Santiago, in the mountain La Campana, at Quillota, and in the mines of El Buitre, in the province of Coquimbo, there is an abundance of gray cobalt and arsenate of cobalt. As we have already said, the working of cobalt mines has only lately begun, and on a small scale at that; the greater part of the deposits are of low grade, but everything leads to the belief that the working will increase from year to year.

MERCURY.

This metal, one property of which is to combine with a large number of other metals to form amalgams, and which is used in the separation of precious metals,

is found in considerable abundance in the mining provinces of Chile. At Aconcagua, in the department of Petorca, deposits of sulphuret of mercury are found. In the department of Ovalle, in the gold mines of Punitaqui, very rich veins of it are found. In the mining camp of Los Frailes, in the southeastern part of the department of Copiapo, near the silver mine La Rosilla, excellent quicksilver mines are found. The working of this metal in Chile is carried on in a manner to give good results.

LEAD.

Lead is found in large quantities in Chile, either as a sulphuret, sulphate, carbonate or molybdate of lead. Abundant veins of sulphuret of lead are found in the Leonera mine, situated in Rancagua; in the mountains of Aculeo, situated in the department of Maipo, in latitude 33° 50′; in the department of Ovalle, at Coquimbo, and in the mining camps of Chanarcillo, Cabeza de Vaca and elsewhere.

Carbonate and sulphate of lead are abundant in the department of Melipilla, in the Las Aranas mountain; in the mountains of Cocalan, situated in the department of Cachapual; in the mines of Paiguano, situated in the department of Elqui, in latitude 30°; in the mines of Zapallos and of Garin, as well as in many other mining camps.

Molybdate of lead is found in the mines of Chapilca, about 10 miles northeast of Rivadia; in the ores of Lomas Bayas, in the department of Copiapo, and elsewhere.

These ores, like the greater part of those we have mentioned elsewhere in these pages, are hardly worked at all in Chile. Considerable imports of lead were made into this country last vear; by making purchases direct from mines and foundries in Chile, the American merchant would find an advantage.

VANADIUM.

This metal, in the form of vanadate of lead and vanadate of copper, is found in the silver mines of Arqueros, situated, as we have said, in the department of Serena, in latitude 29° 50′.

MOLYBDENUM.

This is a metal recently come into use in metallurgy and manufacturing; it is particularly employed in making hard steels for the manufacture of cannon and the plating of ships of war. It is rare, and on that account commands a high price; it is worth about $1.50 a pound in France. It is said that steel blended with this metal keeps its hardness, even after having been heated. There are sulphurets

of molybdenum at La Punta, in the department of Santiago, 10 miles northeast of the capital, which it is said would give good results if they were worked; there are other deposits in the mountains of Polpaico and Caleo.

There are good veins of this metal in Coquimbo, in the rich gold mining camp of Andacollo, in the copper mines Castillo, Restauradora and Tambillos; in these last named camps there are also good veins of cobalt.

ANTIMONY.

This is a brilliant bluish-white metal, much employed in medicine and pharmacy. It is used in quantities in the manufacture of yellow glazing for porcelains and faiences. A large part of the product of this metal is used in the manufacture of type metal, and it is mixed with other low priced metals in the manufacture of certain domestic utensils.

In Chile there are a few mines containing native antimony; there is one in the department of Vallenar, near the village called Alto del Carmen, in latitude 28° 48′. In the silver mining camp of Pampa Larga, in Copiapo, not far from the port of Totoralillo, there are abundant veins of sulphuret of antimony. The working of the mines has but lately been begun in Chile, and the exports last year were 2,700 pounds to Germany.

BISMUTH (TIN GLASS).

This metal, which is beginning to be used in manufacturing, gives their principal properties to fusible alloys, and is also used in medicine; it is found in various mines in Chile, either in its native state or in the form of suphurets of bismuth. It is found in both these forms in the mines of Cerro Blanco, not far from Juan Godoy, and in the mining camp of San Antonio, in Copiapo.

GRAPHITE, OR PLUMBAGO.

This substance, which is employed in general manufacturing, in making lead pencils, crucibles for melting metals, for lubricating the wheels of machinery, for coating and preserving from rust sheet iron and cast iron, for preparing objects for electro-plating, as found in Chile in vast and abundant deposits. In view of the industrial importance of this substance for divers uses, its production will be another source of wealth for the country. The graphite recently discovered in Chile lies in large deposits on the banks of the river Gamboa, in the department of Castro, and in the eastern part of the island of Chiloé, in latitude 42° 28′. There large quantities of almost pure graphite have been discovered, of a brilliant

metallic lustre. These deposits are of exceptionally fine quality; they differ in no respect from the graphite of the mines of Barrowdale, in Cumberland, now exhausted, but which were reputed to be the finest in the world.

NICKEL.

There are also in Chile some good veins of nickel. In the San Pedro mine, situated in the department of Coquimbo, in latitude 26° 34′, are found veins of arsenate of nickel and of gray nickel. In the Emilia mine, a silver mine in the department of Copiapo, there are also good veins of sulpho-arsenate of cobalt and of nickel.

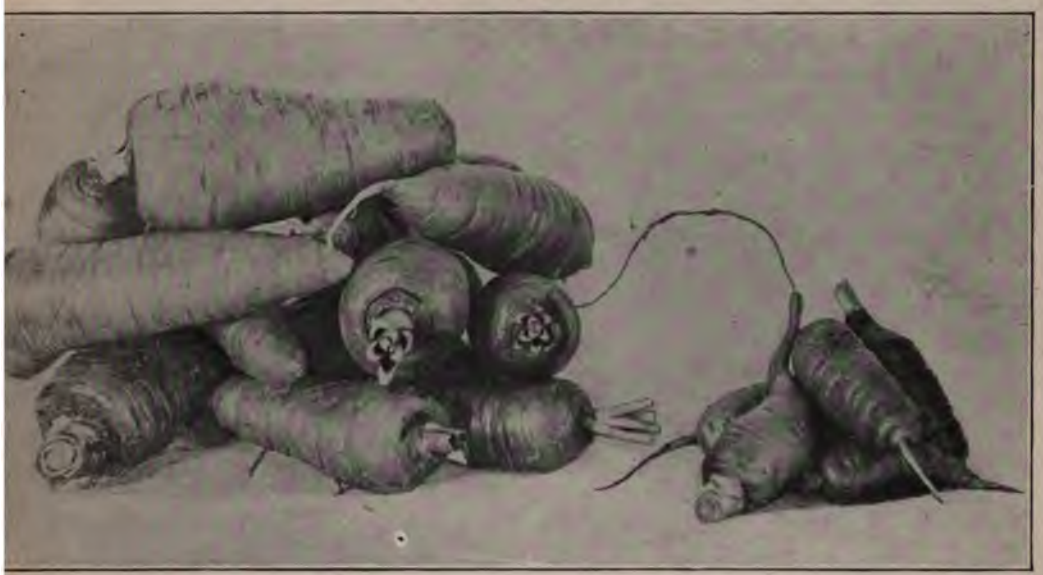
Up to the present time these ores have not been worked in Chile, but work on them will soon be begun advantageously, for the reason that this metal is required in manufacturing for so many purposes, and is at the same time in demand for modern utensils and armaments.

IRON.

Iron is a very abundant metal in Chile; it is found in different geological formations and in divers forms throughout the country; specular iron, micaceous iron, sulphurets of iron, phosphate or arsenate as well as carbonate of iron. Iron ores are abundantly distributed in Chile, and there is a wide opportunity for establishing the manufacture of iron and steel on a large scale. In fact, in a few years the manufacture of these commodities in Chile must be one of the most important branches of industry in South America.

Deposits are found in the following localities: In the mountains of San Lorenzo, in the department of La Ligua; in the mountains of Alhue, in the department of Melipilla; in the mines of Tamaya, and in Atacama and Coquimbo generally. In all these localities iron ore is found in layers and veins, in the form of specular iron, or mica. Arsenical pyrites are found in abundance at Maipo, in the mountains of El Volcan and San Lorenzo; in the department of Quillota; in the mountains of La Campana, in latitude 32° 57′, and in large quantities in the chain of Las Condas, east of Santiago. Carbonates of iron, either pure or with carbonate of chalk or of manganese, are found in several mines in the provinces of Antofagasta and Atacama. Iron is the only metal which is common to all the ore deposits of the country. It is found in veins or large layers at Huasco, at Elqui, at Copiapo, in the mountains of Apacheta, in the department of Chillan, in the mountain Polcura; it is distributed in large quantities around Lake Lanquihue,

LATE CARROTS.



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at Puerto Varas, and on the island of Chiloé, in latitude 41° 30′. At Freirina and Vallenar the abundance of iron is such that it is found on the surface in fragments. In the province of Coquimbo there is a deposit called Mineral de Tofo, which consists of a lode 80 or 100 yards wide and 40 yards deep, which extends for a long distance; its contents are estimated at 9,000,000 tons. An analysis of it shows the following parts in 10,000:

Peroxide of iron	9,600
Water	20
Volatile matter	150
Undetermined	230
	10,000

At Penon, San Cristobal, Tambillo, Aguas Blancas, etc., a ton of iron ore running 67 to 68 per cent, costs aboard ship $1.40 to $1.80.

Deposits of iron are so abundant in Chile that it will be possible to ship manufactured iron and steel thence cheaper than from any other country in the world. These mines have not yet begun to be worked.

LIMESTONE.

Lime is found in great abundance throughout the northern part of the country, either in the form of hydraulic lime or in the various sorts of chalk, alabaster, calx, marble, plaster, etc. Rich limestones adapted to the manufacture of Roman cement are found in large quantities in the mountains of Dehesa, about 11 miles from the city of Santiago. In the department of Quillota, at a place called Calera, 40 miles from Valparaiso, near the railway, there are heavy layers of calcereous stone of very good quality. It is also found in a place called La Cruz. In the vicinity of the city of Quillota, in the mountains of Melon, on the line between the departments of Quillota and La Ligua, there are deposits. Limestone is also abundant in the provinces of Atacama and Coquimbo. Near the port of Chanaral, on the bay of Totoralillo, and the villages of Nantoco and Pabellon, there are very abundant deposits of lime of good quality. In many parts of the provinces of Antofagasta, Tarapaca and Tacna large deposits are found of all qualities, from Roman cement to hydraulic cement.

PLASTER.

Plaster (gypsum, sulphate of soda) is also found in Chile in large deposits from the province of Santiago northward; it is of excellent quality. There are immense deposits of gypsum in the valley of Los Piuquenes; in the department

of Victoria, southeast from the city of Santiago, there are whole mountains of gypsum of excellent quality. It also exists in quantity in the hill of Maipo, in the vicinity of lake El Yeso, near the river Los Lenas, in 24° 36′ latitude, in the mountains of Polpaico; in all these localities it is found in thick layers.

Abundant deposits are found in many parts of the provinces of Aconcagua, Coquimbo, Atacama, Antofagasta, Tarapaca and Tacna. The stone is not only valuable for building purposes, but also as a fertilizer.

FELDSPAR.

This substance, which is of such importance in the world of commerce, is very abundant in Chile in the different forms of albite, labradorite and kaolin. Albite, which is a double silicate of aluminum and soda, and is used in manufacturing countries to make porcelain, is found in immense quantities, although not at present worked, in Concepcion, Rere, La Florida, Nacimiento, and in the chain of Nahuelvuta. Kaolin, from which porcelain is made, is found in large quantities and of excellent quality; its deposits by reason of these facts might in the future be made the basis of a considerable industry. There are deposits of kaolin in quantity in the department of Puchacay, in the province of Concepcion, in the department of Rere, in the province of the same name, in the department of Parral, in the neighborhood of the baths of Catillo, in the valley of the river Andalien, on the banks of the river Gamboa, in the department of Castro, in the eastern part of the island of Chiloé, and elsewhere. Kaolin is also found of very good quality in the department of Casa Blanca, at a place called Los Tablas. These deposits have not yet been worked.

SLATE.

This stone, which is employed in all parts of the world in building, and especially for the roofs of houses, has not yet been used in Chile, although it is found there in large quantities and of excellent quality. Abundant deposits of it are found in the department of Cauquenas, and in that part comprised between the port of Curanipe, latitude 35° 48′, and Covquecura; to the east of the port of Pichidangui, at Petorca, in the mountain Santa Ines, latitude 32° 13′; at Chanaral, and in the greater part of the coast range between Chillan and Concepcion.

MARBLES AND ALABASTERS.

These exist in Chile in deposits which might be worked advantageously for use in making articles of luxury. There are deposits at San Felipe, at Quillota, in

the El Melon mountains; in the environs of Copaipo, in the village called Pabellon and the mining camp of Chanarcillo, in several mountains in the valley of Maipo, etc.

Among these are found beautiful marbles of various colors and shades, white, lilac, orange, and even black, like those found between the village of Pabellon and the mining camp of Charnacillo.

JASPER, AGATE AND LAPIS LAZULI.

Beautiful jaspers, susceptible of a fine polish, are found in the country; there are jaspers of various colors found in the same mines with silica. In the hills of Tavon, in the department of the Andes, not far from a railway, are found rose colored jaspers. In the department of Caupolican, in the mountains of the Hacienda the Banos of Cauquenes, in 34° 15′, are found veins containing beautiful agates. In the valley of Chacabuco, in 33°; in that part of the department of Putaendo called Tambillos; in the hills of Sacramento and of Lomasbayas are found amygdalites which contain handsome agates. A vein of beautiful lapis lazuli has been found in Coquimbo, near the source of the river Tascadero.

ZINC.

This metal is also found in considerable abundance in Chile, either in the form of silicate or carbonate of zinc, or more or less mixed with silicate of zinc and sulphate of zinc. This metal could be taken out in quantities from the mines for export in its natural state, or to be treated on the spot by modern chemical and electrical methods.

Sulphuret of zinc is found in the mountains of Leonora, in the department of Rancagua; in the valley of Maipo, in the hill of San Pedro Nolasco, in the mines of Chanarcillo and of Romero, in Copiapo.

Silicate and carbonate of zinc are found at Cerro Viejo de Caren, in the department of Melipilla, to the north of the river Maipo, and in the mountain of San Lorenzo, to the northeast of San José of Maipo. In spite of the existence of these deposits in Chili, nothing has yet been done toward working them.

PROPOSED BUDGET FOR PUBLIC WORKS.

A general plan for public works has been presented in the Chilean Congress during the current year, which we reproduce in order that American capitalists may become acquainted with the same. This plan comprises, firstly, the construction of railways, particularly a longitudinal line—a longitudinal line in Chile meaning one joining the northern and southern provinces—Arica to Valdivia. Branches to the coast and in the direction of the Cordillera are also included.

Secondly come drainage and fluvial works; then bridges. Roads are not included, expenditure for these being already comprised in the ordinary budget. Work relative to the improvement of the ports of Valparaiso, Iquique, Antofagasta, Constitucion, Falcahuano (business quarter), Corral and others is also not included, the government preferring private companies for these, under state guaranty, the work to enter under government dominion after a certain period. Works for the irrigation of the country are considered of the utmost importance. At present a project is being studied, with the state's guaranty, under the direction of the "Caja hipotecaria," where a special service will be started to this effect.

Public buildings under construction or to be erected do not figure either, as these do not come under the head of works to which the plan gives preference. Among these works those only whose study is already completed will be commenced. The detailed plan of public works already studied is classed in the following order:

BUDGET FOR PUBLIC WORKS.

(The Chilean peso is worth $0.36½ American gold.)

1. Longitudinal Railway.

	Length, kilometres.	Width, metres.	Value, piastres.
Arica to Jaspampa	150	1.00	6,000,000
Granjas to Toco	144	1.00	5,760,000
Toco to Pampa Alta	113	1.00	4,520,000
Pampa Alta to Aguas Blancas	164	1.00	6,560,000
Aguas Blancas to Santa Catalina	118	1.00	4,720,000
Santa Catalina to Pueblo Hundido	180	1.00	7,200,000
Inca de Oro to Copiapo	100	1.00	4,000,000
Copiapo to Vallenar	160	1.00	6,400,000
Vallenar to Vizcachitas	47	1.00	2,500,000
Vizcachitas to la Serena	160	1.00	6,400,000

	Length, kilometres.	Width, metres.	Value, piastres.
Paloma to San Marcos	43	1.00	1,424,727
San Marcos to Illapel	128	1.00	5,120,000
Vilos to Ligua	120	1.00	4,800,000
Osorno to Rio Negro	27.900	1.68	1,300,000
Rio Negro to Puerto Mont	100	1.68	8,000,000
Ancud to Castro	100	0.60	1,500,000
Totals	1,894.900	...	76,204,727

2. Branch lines to the Cordillera.	Length, kilometres.	Width, metres.	Value, piastres.
Animas to Los Pozos	12	1.00	320,000.00
Choapa to Salamanca	27	1.00	1,040,000.00
Providencia to Mercado	2	1.68	850,000.00
San Vincente to Peralillo	38	1.68	1,280,000.00
San Clemente to Rio Colorado	25	1.00	1,000,000.00
Pua to Curacautin	47	1.68	2,370,171.21
Anjeles to Antuco	66	1.68	1,780,649.93
Totals	217	....	9,640,821.14

3. Branches to the Coast.	Length, kilometres.	Width, metres.	Value, piastres.
Ovalle to Trapiche	15	1.00	386,097.20
Rayado to Papulo	24	1.00	649,200.00
Puangue to San Antonio	37	1.68	2,181,000.00
Cardenal to Arbol	5	1.68	1,551,234.94
Arbol to Pichilemu	23	1.68	1,428,000.00
Curico to Huerta	40	1.68	2,000,000.00
Cauquenes to Coelemu	96	1.00	3,840,000.00
Rucapequen to Tomé	100	1.00	4,050,000.00
Canete to Lebu	40	1.00	1,600,000.00
Totals	380	....	16,685,532.14

4. Railways 0 m. 60 in. width.	Length, kilometres.	Value, piastres.
Trapiche to Petorca	16	240,000
Calera to Catemu	30	300,000
San Felipe to Putaendo	17	200,000
Batuco to Lampa y Yungai	35	300,000
Santiago to Penon (Las Condes)	15	200,000
San Bernardo to San José de Maipo	80	1,200,000
Chillan to Las Termas	90	1,350,000
Loncoche to Villarica	40	600,000
Totals	323	4,390,000

5. Waterworks.

For the construction of quays for embarkation and dams....piastres 2,000,000

6. Fluvial Works.

For improving the navigation of the rivers Maullin, Imperial, Valdivia and to protect the banks from inundation.....piastres 2,000,000

7. Irrigation.

Dams in the source of the river Coquimbo and in the lagoons of Feno and Golina.....piastres 3,000,000

8. Drainage and Drinking Water.

In divers towns of the Republic.....piastres 10,000,000
Construction of road bridges.....piastres 5,000,000

BUDGET FOR PUBLIC WORKS,

Whose study is completed, and which may be commenced this year.

1. Railways.	Length, kilometres.	Width, metres.	Value, piastres.
Ovale to Trapiche	15	1.00	386,097.20
Pua to Curacautin	47	1.68	2,370,171.00
Animas to los Pozos	12	1.00	320,000.00
Paloma to San Marcos	43	1.00	1,424,727.00
Rayado to Papulo	24	1.00	649,200.00
Providencia to Mercado	2	1.68	850,000.00
Puangue to San Antonio	37	1.68	2,181,000.00
Cardonal to Arbol	5	1.68	551,234.94
San Vicente to Peralillo	38	1.68	2,280,000.00
Osorno to Rio Negro	27.900	1.68	1,300,000.00
Chillan to Tomé (first section)	18	1.68	700,000.00
Artificio to Catemu	30	0.60	300,000.00
Batuco to Lampay Yungai	35	0.60	300,000.00
Puente Alto to Rio Colorado	23	0.60	350,000.00
Vallenar to Vizcachitas	47.237	1.00	2,500,000.00
Rayado to Trapiche	30	1.00	1,200,000.00
Trapiche to Petorca	16	0.60	240,000.00
Curico to Hualané	20	1.68	550,000.00
Chillan to las Termas (Pinto)	34	0.60	510,000.00
Totals	486.837	....	18,962,430.35

2. Maritime Works.

	Piastres.
Military port of Talcahuano	6,000,000.00
Dam of Constitucion	207,000.00

	Piastres.
Quays of Iquique	20,804.06
Dam of Coquimbo (repairs)	34,305.87
Quays of Concon	15,983.60
Quays of Buchupureo	83,948.43
Quays of Lota (repairs)	19,185.12
Quays of Puerto Montt (repairs)	4,918.75
Quays of Achao	7,500.00
Quays of Papudo	12,316.00
Quays of San Antonio	54,144.12
Quays of Ancud	52,069.60
Quays of Punta Arenas	26,972.86
Total for maritime works	6,539,148.41

3. Fluvial Works.

	Piastres.
Canalization of River Maullin	9,560.00
Dredging of Banco Ruca Diuca and of River Imperial	30,978.36
Fluvial outworks of Vallenar	16,720.54
Fluvial outworks of la Serena	19,778.11
Fluvial outworks of Tambo	10,359.47
Fluvial outworks of la Ligua	5,452.84
Fluvial outworks of Putaendo	54,436.23
Fluvial outworks of Hierro Viejo	5,975.20
Fluvial outworks of el Calera	7,261.52
Fluvial outworks of el Olivo	5,000.00
Fluvial outworks of Illapel	5,410.22
Fluvial outworks of Copiapo	38,276.16
Canalization of Paipote to Copiapo	11,440.00
Fluvial outworks of Talagante	43,590.49
Fluvial outworks of Camino of Peumo to Llallauquen	17,613.11
Fluvial outworks of lo Valdivia	4,725.05
Fluvial outworks of los Angeles	2,203.08
Total for fluvial works	288,780.38

4. Bridges.

	Piastres.
Huasco in San Félix	3,470.31
Rahue	57,364.00
Pilmaiquen	59,043.00
Maipo in Chocolan	187,830.53
Lonquen in Ninhue	9,586.41
Puangue in Chorombo	40,366.12
Lonquen in Trehuaco	16,032.01
Aconcagua in los Andes	46,786.38

	Piastres.
Rapel	196,239.00
Quempiyen	5,625.42
Lonquimai	8,406.20
Pudahuel	17,951.59
Lolol	11,339.33
Mapocho	58,542.28
Chanco	8,325.17
Palpal	8,248.32
Claro in Molina	96,571.88
Navotavo in San Carlos	9,957.79
Coelemu	9,389.22
Vina del Mar	205,386.39
Aconcagua in Colmo	123,009.19
On the River Limache, facing Colmo	17,327.54
Cauquenes	28,983.82
Aconcagua in Quillota	48,196.12
Coquimbo in San Guillermo	6,064.59
Chimbarongo in Colchagua	32,115.95
Duqueco in los Calderones	35,851.52
Trilaleo	7,661.24
Danicalqui	8,528.71
Muco	30,624.06
Itraque	6,157.11
Loncomilla in San Javier	233,250.06
Nuble in el Ala	140,062.92
Malleco	6,540.15
Volcan in los Queltehues	5,057.09
Lelo in Lampa	5,028.17
Itala in Coelemu	213,009.68
Carampangue in Arauco	50,000.00
Total for bridges	2,106,220.27

RESUME OF SPECIAL ENTERPRISES.

	Kilometres.	Piastres.
Longitudinal railway	1,894	76,204,727
Branches to the Cordillera	217	9,640,821
Branches to the coast	380	16,685,532
Railways of more than 60 in. width	323	4,390,000
Waterworks	....	2,000,000
Fluvial works	....	2,000,000
Irrigation	....	3,000,000
Drainage and drinking water	....	15,000,000
Total	....	128,921,080

EARLY LETTUCE

750 lbs. Nitrate to the acre in 5 applications. No Nitrate.

BEETS.

500 lbs. of Nitrate to the acre in 4 applications. No Nitrate.

"Nitrate of Soda Propaganda," by William S. Myers, Director for United States and Colonies, John street and 71 Nassau, New York. Write to above address for information.

Among these works the following may be commenced this year:

Railways (486 kilometres)	18,972,430
Maritime works	6,539,148
Fluvial works	228,780
Road bridges	2,106,220
Total	27,836,578

PART III.

COMMERCIAL.

EXPORT AND IMPORT OF SMALL QUANTITIES AT WHOLESALE.

Would it be expedient for small houses and for producers themselves to undertake the export of commodities and the import of foreign products? This is a matter of great importance, upon which we wish to enlarge for a moment. It is well to bear in mind that there exists in Chile, as in all countries of South America, great competition in the importation of foreign articles, and for this reason we believe that the importation of new articles of merchandise is something to be especially recommended for houses of large capital, which are in a situation to give their patrons long credit and large facilities. We must say again that in order to introduce new merchandise into the country long credit must be made. For these reasons we believe that in general the importation of foreign goods ought to be in the hands of large houses or strong companies, which, while giving long credit to their patrons, can watch the daily changes of the market.

Would it be expedient to make shipments of foreign merchandise to Chile directly to small wholesale houses, or to consumers, or would it be preferable to make the shipment through wealthy houses established there?

We believe it would be more prudent in the beginning to build up a trade through the intermediation of houses already established there, or by the employment of agents for that specific purpose. It often happens that the best of the old commercial houses in Chile have for a long time carried articles similar to those it is sought to introduce, and naturally these houses will not give up their old relations to take up new ones. In this case it is advisable for foreigners to seek representatives of their own; not a difficult thing to do through the in-

termediation of banks and special agencies. This agent should be allowed good commissions, because the representative of a new line of goods needs to be much more active and to incur much greater expense to build up new business than is required to hold business when once secured.

The introduction of Chilean products into America and Europe can also be accomplished under the same conditions by the same representatives. Naturally, in certain special cases the sale from the producer direct to the consumer or to the small wholesale dealer can be recommended. This must depend upon special conditions of the market. In many cases direct importation or exportation can be done through banks in Chile, which receive consignments of merchandise and collect bills.

We give below a list of the principal export and import houses in Chile, and also a list of some agents and brokers, and of the chief agricultural producers, who annually sell their products at wholesale. Of course this list is published as a matter of information for the purpose of putting the merchants of the two countries in communication with each other. The products of the country are divided about as follows among the different provinces: In the northern part of the country, that is to say, in the provinces of Tacna, Tarapaca, Antofagasta, Atacama, Coquimbo, are found nitrates, copper, silver, gold, borax, manganese, iodine, lead, antimony, cobalt, sulphur, zinc, leather and hides and chinchilla furs. In the central part of the country, that is to say, the provinces of Aconcagua, Valparaiso, Santiago, O'Higgins, Colchagua, Curico, Talca, Linares, Maule, Nuble, Arauco, Cautin, Malleco and Concepcion, are found agricultural products suitable for export, such as the cereals, flour, wine, dried raisins, dried and preserved fruits, honey and beeswax, cheese, butter, wool, leather, hair, meats, and such products of the mines as coal, copper, silver, gold and manganese ores. Lastly, in the southern provinces—Valdivia, Llanquihue, Chiloé, the territory of Magellan, Patagonia and the Chilean part of Tierra del Fuego—are found large herds of cattle, skins, furs, gold, coal and several other minerals and ores previously mentioned.

INFORMATION FOR IMPORTERS.

In the following we wish to add some advice regarding the way in which American exporters should proceed.

First. For the purpose of establishing direct connections with the consumers and the merchants in Chile the merchants should constantly send out

to Chile catalogues and samples. With each mail they should likewise send circulars containing the current prices for their goods and all kinds of information they can give with reference to same.

For such purposes the parties concerned will find at the end of this book full information about Chilean merchants, as well as of the goods they handle.

Second. It is of the greatest importance that exporters should be careful in the choice of their representatives in Chile. The latter should be well chosen, and in order to get customers they should be acquainted with the land, its customs, and, of course, with the Spanish language.

Third. It also would be very useful in many cases to send out to Chile some travelling salesmen to make contracts for the annual requirements and to study both the needs of the market and the customs of the people. The expenses of such trips naturally will often be too high to be incurred by one single firm. It is therefore advisable that several merchants or manufacturers club together and intrust one man, on joint expense, with the selling of their output.

During eight months of the year the journey from Europe to Chile via the Cordilleras Mountains can be done within twenty-two days.

Santiago, Valparaiso and Concepcion are the greatest commercial centers of Chile. During the spring, the summer and the fall they can be reached from Buenos Ayres within fifty-six hours. The trip from Buenos Ayres to Santiago can be made in all comfort by using the services of one of the great transportation companies. The costs amount to $60.00 for first class accommodations and $40.00 for second class.

Among the number of these companies is the Compania de Transportes-Unidos entre Chile y Argentina. This company owns a vast rolling stock, travelling over all the different lines of the country. It undertakes on its own account the transportation of travellers and their merchandise, baggage, samples, etc.

The company has offices in Santiago and in Valparaiso, where they sell railroad and steamer tickets to the ports of Europe, River Plate, Brazil and the Pacific Coast as far as Panama. They check travellers' baggage through from domicile to point of destination. For the convenience of the travellers they also attend to all their custom house matters, thus avoiding, as far as possible, all the unpleasant troubles and unforeseen expenses of the journey.

Fourth. From time to time agents and travellers should visit the main

centers of consumption and production of the country. This undoubtedly has been one of the most successful systems of the English and Germans in developing their trade to its present full extent.

In former years their buyers went to the producing countries to attend to the purchasing themselves, but times have changed. It is no longer possible to wait for the buyers to call. Merchants must solicit business from foreign countries themselves, otherwise they will lose their importance in commerce.

Fifth. Further, it is of utmost importance that the manufacturers of the different articles should be guided by the taste of the buyers, for it is not to be expected that the manufacturers will be able to form the taste of the consumers to suit their own. On the contrary, the manufacturer naturally has to cater to the taste of his customers.

The English and German producers are painstaking in sending to each country only such goods which in all respects suit the taste and the customs of their consumers. On the other hand, American and French houses, generally speaking, exclusively follow the ideas dictated at the moment by Paris or New York fashions.

Sixth. In this chapter some other points of minor importance must be mentioned, which, however, the exporters should not fail to consider. Strict attention should be given to the careful and solid packing of each article for export, giving due consideration to freight and cost of transport, as compared with the value of the goods.

Seventh. In view of the aforesaid necessity of co-operation, it might lead to excellent results if some capitalists and manufacturers would combine for the purpose of forming a syndicate, which in some Chilean towns would have an emporium. There samples of all the different American products could be exhibited—all kinds of machinery, tools, hardware, raw products or manufactured articles which might possibly interest the country.

Eighth. In Santiago the Sociedad de Fomento Fabril has a special building devoted to the permanent exhibition of industrial products, which principally serves to show the machines transforming the raw products into manufactured goods.

It would be to the advantage of American producers to enter into direct correspondence with this institution, and to send at the same time catalogues and price lists of their machines.

Ninth. Finally, there are at Santiago, at Valparaiso and at Concepcion several important Chilean, English, German and American firms, possessing big warehouses. These firms make it their business to store goods of every denomination for storage as well as for sale throughout the country.

These houses, for account of their customers, attend to all expenses incurred by the merchandise, i. e., freight, duty, fire insurance and warrants on the goods; they also attend to the private or public sale, if it should be desired.

In the above paragraphs the points are enumerated which should be observed by exporters with a view to increasing their trade.

However, it must not be forgotten that, apart from all such details, the main reasons for the inferiority of the Chilean commerce with the United States of America are the following:

A. The lack of a greater number of regular steamship lines between the United States and Chile.

B. So far there is no American banking institute in Chile. The establishment of an American bank would serve the interests of currency and certainly considerably enhance the business intercourse between the two countries.

AN AMERICAN BANK IN CHILE.

The foundation of an American Banking Institute in the principal cities of Chile, that is to say, in Santiago, Valparaiso, Concepcion, Chillan, Iquique, Punta-Arenas, etc., is of no lesser importance for the development of commerce than the creation of a regular steamship line between the ports of the United States and Chile.

As it is, the American commerce has to rely for its transactions on the Chilean national banks or on the foreign banks in Chile.

The United States of America is the only big country that cannot draw on a home bank in Chile.

Under the circumstances, nobody can expect a development of the American trade with Chile.

The German colony has at its disposal two large banks—the Banco Aleman Transatlantico, and the Banco Chile y Alemania, with a capital of 40,000,000 marks.

For Spaniards and Italians there is the Banco Español e Italiano.

For France there is the Banco Industrial y de Francia.

We will now proceed to give some information as to the founding of an American bank in Chile.

As a start, an American bank in Chile could rely upon the American merchants in that country.

To obtain good results from the beginning, such a bank should be composed of three different departments: One commercial department, one industrial and mining department and one agricultural department.

COMMERCIAL DEPARTMENT.

We need not deal with this first department at any length, as the commercial part of a bank is well known in all its phases, e. g., deposits, consignments, accounts current, conditional purchases, discounts, etc. This is the kind of business which created the prosperity of the banks at present established in Chile. We have only to look into the other branches of banking business—in other words, we have to consider a bank devoted to the direct development of the commercial interests of a clientele occupied with agriculture, with mining and with the manufacturing industries of its country.

MINING AND INDUSTRIAL DEPARTMENT.

In this department a bank would branch out into the mining centers of the country. Its business would consist in loaning money on ores, to be shipped and sold to Europe, in giving financial assistance to smelters, etc.

In the industrial department there is ample work to be done. The bank may participate in the erection of plants for the manufacture of home products, in the installation of fisheries in the southern seas, in the furtherance of plants for preserved fruit, fish, etc.; of refrigerating plants, etc.

It is evident that such department has an immense field for combinations of almost every description—for syndicates formed by producers; for co-operative exporting or wine growing; grain elevators, with drying lofts and cleansing machines, etc.

AGRICULTURAL DEPARTMENT.

This department would especially serve the development of credits granted in Chile on the agriculture and on cattle by creating loans on live stock. A warrant section should be attached to this department.

As agricultural credits do not exist, the Chilean lands to-day are not enough used for the purpose of cattle raising. This does not even cover the

home consumption; while, on the contrary, Chile, with its vast pastures, should figure in the world as a big exporter of live stock.

Therefore mutual credit should be employed to furnish cattle to ranchers under favorable conditions.

In many cases it is difficult to get loans in cash; hence it is good to have live stock loans on the hiring of cattle by substituting the bank for the capitalists.

The bank could, through its agents and in agreement with the borrower, buy such cattle and hire out the live stock.

The cattle would be purchased by the bank, which would remain owner of the live stock, and each animal would be branded with its sign.

The cattle could be handed over to the rancher under the following conditions:

1. The rancher or farmer is responsible for the animals hired by him. To avoid all risks, the rancher must insure the cattle in a special mutual cattle insurance company, at his own expense, the cattle standing in the name of the bank.

2. The bank would not participate in the difference between purchase and sale price of the cattle, but only charge reasonable interest on the capital employed for the purchase.

In this way the commercial risks of the bank would be next to nothing, and as cattle raising in Chile is most profitable, we surmise that the agricultural department of the bank within a comparatively short time would become very flourishing.

Another promising source of income would be the rearing of bees, undertaken by special apiarists. They should be given some kind of partnership with the farmers.

In the entire center of Chile and in its mountainous parts is an inexhaustible field for pasture for bees. That the quality of the Chilean honey is a good one can be gathered from the price quoted for it in the European markets; it is much higher than the price for other foreign products of this kind.

It would be an easy matter to increase Chile's output about ten times.

Moreover, there are many similar chances for commercial enterprise, which at the present moment need not be discussed.

It is of utmost importance for this agricultural department that it should

have a special section for warrants, which institution has lately given impulse to a new legislation for hypothecary securities.

With the creation of a big American bank and of a steamship line the American trade would certainly take a leading place in the commerce of Chile, especially in import and export.

GENERAL TARIFF OF COMMISSIONS, BROKERAGE, EXCHANGE AND CONSIGNATIONS USED IN CHILE.

COMMISSIONS FOR PURCHASING.

2½% on the purchase and shipment of merchandise and products of the country, including metals, with cash in hand.

5% on same, without cash in hand, but with bills of exchange for payment, or with other good security.

1% on purchase and shipment of gold or silver; cash prepaid.

In case the purchase has to be effected in other places, and where an agent is required, the above commission basis will not apply.

COMMISSIONS FOR THE PURCHASE OR SALE OF SHIPS.

5% for the sale of ships or their materials.

2½% more as guarantee for option sales.

5% for the purchase of a ship.

5% for the chartering of a ship.

5% for freight and passenger tickets.

5% on money advanced for the expense of the ship.

2½% for unloading or transshipping of merchandise on damaged vessels.

1% if the cargo is of great value, and

½% for precious metals.

2½% for chartering lighters or for the transshipment.

GENERAL COMMISSIONS.

1% on the amount of the invoice of the goods received, either on board or in transit.

2½% on the former if the goods are offered for sale.

1% for collecting payment on a bill of exchange or of a document.

2½% for issuing, indorsing or negotiating a draft.

5% for liquidating and collecting old debts in ordinary cases; in compli-

cated cases, where the aid of the courts has to be employed, a special commission must be agreed upon.

BROKERAGE ON SALES.

Note.—It is understood that the following tariff is only in force when no special contracts have been made.

½% on all foreign merchandise and all Chilean products not belonging to the goods hereafter named.

¼% on the purchase or sale of copper and other metals, including precious metals.

1% on coal, lumber and all other articles of small value.

⅛% on the negotiation of drafts.

¼% on the face value of shares of banks and Government bonds.

2% on ships, houses and farms.

BROKERAGE ON PURCHASES.

Brokerage on purchases is the same and of the same value as brokerage on sales.

MARITIME BROKERAGE.

As regards maritime brokerage, the commission is divided between the consignee and the broker, except in cases of special contract.

BROKERAGE ON DISCOUNTS AND LOANS.

⅛% discount on the value of a draft or of a document.

½% for procuring loans as middleman.

1% for procuring loans by means of mortgages on long terms.

Brokerage not stipulated has to be fixed by the parties concerned.

As soon as the contract is signed the broker is entitled to draw his commission, even if business does not result.

METRIC WEIGHTS AND MEASURES.

METRIC WEIGHTS.

Milligram (1/1000 gram) equals 0.0154 grain.

Centigram (1/100 gram) equals 0.1543 grain.

Decigram (1/10 gram) equals 1.5432 grains.

Gram equals 15.432 grains.

Decagram (10 grams) equals 0.3527 ounce.

Hectogram (100 grams) equals 3.5274 ounces.

Kilogram (1,000 grams) equals 2.2046 pounds.

Myriagram (10,000 grams) equals 22.046 pounds.

Quintal (100,000 grams) equals 220.46 pounds.

Millier or tonneau—ton (1,000,000 grams) equals 2,204.6 pounds.

METRIC DRY MEASURE.

Milliliter (1/1000 liter) equals 0.061 cubic inch.

Centiliter (1/100 liter) equals 0.6102 cubic inch.

Deciliter (1/10 liter) equals 6.1022 cubic inches.

Liter equals 0.908 quart.

Decaliter (10 liters) equals 9.08 quarts.

Hectoliter (100 liters) equals 2.838 bushels.

Kiloliter (1,000 liters) equals 1.308 cubic yards.

METRIC LIQUID MEASURE.

Milliliter (1/1000 liter) equals 0.27 fluid dram.

Centiliter (1/100 liter) equals 0.338 fluid ounce.

Deciliter (1/10 liter) equals 0.845 gill.

Liter equals 1.0567 quarts.

Decaliter (10 liters) equals 2.6417 gallons.

Hectoliter (100 liters) equals 26.417 gallons.

Kiloliter (1,000 liters) equals 264.17 gallons.

METRIC MEASURES OF LENGTH.

Millimeter (1/1000 meter) equals 0.0394 inch.

Centimeter (1/100 meter) equals 0.3937 inch.

Decimeter (1/10 meter) equals 3.937 inches.

Meter equals 39.37 inches.

Decameter (10 meters) equals 393.7 inches.

Hectometer (100 meters) equals 328 feet 1 inch.

Kilometer (1,000 meters) equals 0.62137 mile (3,280 feet 10 inches).

Myriameter (10,000 meters) equals 6.2137 miles.

METRIC SURFACE MEASURE.

Centare (1 square meter) equals 1,550 square inches.

Are (100 square meters) equals 119.6 square yards.

Hectare (10,000 square meters) equals 2.471 acres.

The metric system has been adopted by the following-named American countries: Argentine Republic, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, Honduras, Mexico, Paraguay and Venezuela.

CONSULAR TAXES.

For all foreign merchandise, bills of lading and invoices are required, which must be signed by the Chilean Consul in all ports of shipment and must be presented to the Chilean Custom House authorities.

The consuls receive the following fees for the legalizations:

For the certifying of four copies of each invoice, ranging from no value up to $200, $1, and $1 for each $1,000 above such amount.

For certifying the sailing of an eastward bound vessel, $4.

For certifying a bill of lading in one or more copies, $1.

For mailing a letter regarding sailing of ship, if it is necessary, $2.

For writing out a certificate of health, in case there are no local authorities appointed for such purposes, $4.

To endorse a certificate of health made out by local authorities, $2.

For registering the list of the crew, $4.

For certifying changes in such list, $2.

For settling dissensions in each case on each voyage, $2.

For a permit or provisional patent in order that the ship may hoist the Chilean flag and proceed to any port of the Republic to be matriculated, $5.

For the intervention in case of attachment of a vessel of more than 150 tons capacity, $10.

For the naval protest or the declaration or the complaints which the captains are bound to file with the consul upon their arrival at a foreign port to report all matters that have happened aboard, $3.

For the intervention at sales of sea damaged goods that will not keep until the ship can be repaired, ½ per cent. of the value, 10 cents for each $20.

For entering in his records a birth, a marriage or a death, $1.

For all other remarks or entries relating to the civil rights or standing of a person, $2.

For each copy of such document, if asked for, $2.

For a certificate of survival, $3.

For acts in which the Consul appears as judicial officer, such as the notifica-

tion of attachments, certification of signatures to documents, consignations, abandonment or acceptance of a right, objection to a privilege, acceptance or refusal of actions of experts, arbitrators and interpreters, of their appointment, or for any other acts of the same class, $2.

For filing in his records any documents relating to contracts of every denomination, protests or other matters belonging to his department as Notary Public, $3.

If the documents are larger than two pages he receives $1 for each additional page.

For drawing up an open testament, $4.

If the testament covers more than one page he receives $1 for each additional page.

For the authorization of a sealed testament, $2.

In case he has to leave his office for drafting documents he receives $3 more, and if the time required exceeds three hours he receives $1 additional for each hour so employed.

For his intervention at a public sale, if asked to intervene, his fee amounts to 1½% on the amount realized up to $5,000, and ½ per cent. for the sum above this price.

For his intervention in the administration of property belonging to absent persons or of people deceased without having left a testament, or for the realization of such property he receives 2% for the price realized or 1% of the value of the administered property.

For each deposit made with the Consulate, either of merchandise or of cash, he receives 1% of the value of the goods or the amount of the money.

For representing or guarding the interests of his countrymen before the courts of the foreign country he receives the same fee the magistrates of the country are entitled to.

For writing a passport, $3.

For certifying a passport, $2.

For legalizing or certifying the signature to a document, $2.

For the registering of nationality of documents, etc., $2.

For the depositing of documents in the archives of the Consulate, $1.

For the copy of documents or papers of the Consulate or of any kind of

document legalized by the Consul, 50 cents for each page. The page must hold 25 lines and 8 words in each line.

Every page commenced counts for full.

LAWS FOR THE PROTECTION OF COMMERCIAL AND INDUSTRIAL TRADEMARKS.

Chile has a special register recording domestic and foreign trademarks of dealers and manufacturers.

Under the name of Manufacturers' Trade Marks are comprised those which industrial or agricultural producers place upon objects made or manufactured at home or in foreign countries; and under the name of Commercial Trade Marks those which the merchant adopts for the goods he sells.

Marks of labels of manufacture or of trade are considered to be proper nouns, the emblems and all other signs adopted by the manufacturer or merchant to distinguish the objects he makes or sells.

However, to be recognized by law all signs must bear the inscription "Manufacturers' Mark" or simply the initials: M. M.; in Spanish: M. de F., and the marks and labels of trade must show the inscription "Trade Mark," or its initials: T. M. (in Spanish: M. C.).

A real estate, a mill, a smelter or plant constitute the exclusive right of the owner to use the name of such real estate, mill, smelter or plant.

Whoever causes a trademark or manufacturers or dealer's label to be entered into the register has the exclusive right for the use of same.

The transferring of a trademark or the permission given to another party to use the trademark must be entered into the register after having been published in the local papers for ten days.

The entry of marks or signs of manufacture or trade has to be renewed every ten years; if it is not renewed it is considered void.

The register of trademarks is kept in the offices of the National Society for Agriculture in Santiago, under the supervision of the President of this Society and a committee of one nominated by the Board.

The note in the register must contain the date and the hour of the entry, the name of the owner, his occupation and his residence, the location of the factory, the description of the industry or the trade, for which the sign is to be

used, and a facsimile of such sign; furthermore the number which corresponds to this sign and all other necessary data of the entry.

The royalty to be paid to National Society for Agriculture amounts to $12 for the entry of a Manufacturer's Brand, $3 for a Trademark and $1 for a certified copy of either kind.

Whosoever counterfeits, changes or fraudulently uses those trademarks or labels described by this law will be punished in accordance with the statutes of the penal code.

Goods carrying forged trademarks will be confiscated and sold for the benefit of the lawful owner of the trademark.

The apparatus for the manufacture is to be destroyed.

Every year during the month of August a list of all registered trademarks is published in the "Diario Oficial."

In the litigations that may follow the fixing of the responsibilities recognized by the law the courts will carefully decide whether or not a forgery, an alteration or a fraudulent use has taken place in a legal sense, giving due consideration to the similarity between the registered trademark and the one that has caused the litigation.

CUSTOM HOUSE TARIFF.

The tariff for appraising the value of merchandise is fixed each year in the port of Valparaiso by a committee consisting of the President of the Custom House, the Chief Appraiser and a number of merchants of different nationalities appointed by the President of the Republic in each special case. The chairman of the committee is the President of the Custom House and in his absence the Chief Appraiser.

The Appraiser's tariff holds good for the period of one year, beginning from the day designated by the President of the Republic for the approval of this tariff, but the tariff only becomes valid one month after its publication.

Every year the President of the Republic gives out orders by which the tariff will be renewed or changed, either in full or in part, pursuant to the President's own judgment.

The committee appointed for fixing the tariff is guided by the price of the dutiable merchandise.

Merchandise not mentioned in the tariff will be taxed by the appraisers in

proportion to the price attained by the goods when they were last sold wholesale by the Custom House.

If such comparison of prices is impossible the appraising will be done in accordance with the current price of the same article in the domestic market. Hereby the duty is to be deducted and if same cannot be made out the appraiser will carefully determine the value by taking into account the quality of the article.

Claims against the appraisals must be lodged with the Chief of each respective custom house office. With him rests the final decision after he has heard the opinion of two arbitrators, one of whom to be appointed by the Custom House and the other by the party concerned.

The National Secretary is directly responsible for all losses or deteriorations sustained by merchandise deposited in the warehouses of the Chilean Customs, except in cases of force majeure.

If the goods are examined and are found to be of inferior quality and lesser weight or if a lower duty is to be paid for the goods mentioned in the documents, the appraisal is not a final one until an examining officer of the Valparaiso Custom House or some director of another custom house will have rendered his decision on the matter in question.

These officers must witness their intervention on the documents.

By net weight (peso neto) is meant the real weight of the merchandise, i. e., deducting weight of packing cover and envelope.

By weight including packing (peso incluso la envoltura) is meant the weight of the merchandise with all its covers, except the outside packing not belonging to the goods as such, for instance straw, carpenter's chippings or any other matter used for protecting the merchandise against breakage or sea damage.

Exceptions from this rule must be given by special regulations contained in the tariff.

By weight inclusive of contents (peso incluso el envase) is meant the weight of the merchandise with its cover (résipiente), even though the latter were only intended for the purpose of transporting the goods.

By gross weight (peso bruto) is meant the weight of the goods, including all packings.

"Containing Parts" are generally termed vases, bottles, covers of pottery

or glass, wrappers of iron, zinc, tin, copper or lead, boxes of wood, paper, tin plate and other necessary covers.

All other packing, which is not a necessary part of the goods it surrounds, such as has a value of its own and can be employed for other purposes of the same kind, will be considered as imported merchandise and has to be appraised separately.

If the packing of the goods has to be included in the weight and the merchandise arrives in some other way, say in bulk or lump, ten per cent. will be added to the net weight of the shipment.

The same rule applies to goods, which are sold in cases, unless in the tariff a special exception from this rule is mentioned.

If goods of different denominations are packed in the same case and such goods are dutiable according to their weight, while the manner in which they have to be appraised differs, the weight of each will be taken; then 30% will be added to those goods appraised according to their gross weight and 15% to those appraised with their case, excepting articles of cut glass and china, where the addition amounts to 60%.

If oil lamps of different appraisal and duty are packed in one case with other merchandise they are appraised by their net weight, to which 100% is added.

If in the same packing are beds, the outfit of which may be complete or incomplete, and the appraisal of and duty on same have to follow different rules, together with other merchandise, and if the packing is not done in cases or open to inspection, such bedding will be appraised by its net weight in its respective class, with an addition of 24%.

If artificial flowers and neckwear are packed together with other merchandise, and the packing does not consist of boxes of paper or wood, these articles will be appraised at their net weight, with an addition of 100%.

Cases for jewelry, watches and all articles made of gold are included in the appraisal of the goods.

Empty cases are appraised separately in their respective class.

Cut glass, china or glass belonging to wrought metal are appraised separately.

If they form part of such merchandise they are appraised together with the latter in their respective class.

If the goods wrought of metal come in cases, the cases are appraised separately.

Knives and other cutting instruments with hilts made of English metal or silver bronze, white metal, nickel, German silver or similar articles are appraised as wrought metal goods in their respective class.

Padlocks or other locks, partly or entirely nickeled are appraised in their respective classes with an addition of 20%. The same articles, if gold or silver plated, receive the double addition.

To nickel plated kitchen material 20% is added.

Bridles with bits attached are appraised together in their corresponding class.

Door knobs, if detached from the locks they belong to and packed together with the latter, will be appraised together.

Spikes, nails or tacks over 25 millimeters in length are appraised as nails in their respective class.

As regards the appraisal of beds, iron bed stands trimmed with bronze are classed as bronze.

Beds, which are partly or entirely nickel plated, are appraised in their respective classes and are subject to an addition of 20%.

Cotton or linen shirts for children having a collar width of up to 35 centimeters are appraised in the same way as those for men, but receive a deduction of 40%.

Silk textures containing lesser materials up to 10% are appraised as pure silk.

If the tissue is of inferior quality or its proportion is 20% to less than 90% of silk the merchandise will be appraised as half silk.

A texture containing 20% of silk or less is called "low silk mixture."

Linen textures containing lesser materials not exceeding 15% are appraised as pure linen.

If the tissue is of inferior quality or its proportion is 20% to less than 80% the merchandise will be appraised as a mixture of linen and cotton.

A texture containing only 20% of linen or less is called a "Low Linen Mixture."

Parasols, "encas" or umbrellas of a smaller dimension than 40 centimeters rib length are appraised in their respective class with a deduction of 50%.

Parasols, "encas" or umbrellas of a larger dimension than 55 centimeters rib length are appraised as umbrellas in their respective class.

Men's and children's suits which are not specified are appraised according to the material they are made of and according to the appraisal of the latter.

Dresses, the skirts of which are composed of two textures, are appraised in accordance with the one whose value is highest.

Double threads count for single ones in buckram, linen cloth, Oxfords and Osnaburgs.

Osnaburgs of cotton containing more than 16 threads are appraised as raw cotton.

Samples of rugs not exceeding 1.50 meters in length are appraised in their respective class, with a deduction of 40%.

Whatever comes in pieces with designed patterns, especially for the manufacture of mantos, table cloths, napkins and towels, ponchos and mantas is appraised as texture in its respective class.

Pieces of wood for furniture coming alone or with other merchandise are appraised as furniture in their respective class.

As trimmed hats are appraised such hats that are to be worn in the way they are imported, even though trimming ribbon or lace are lacking.

If the appraisal of texture is based upon the number of threads such threads are uniformly counted in a square of six millimeters side length.

The surface of mirrors and looking glasses is measured by multiplying their length by their width, whatever be their shape.

Clothes, shoes and boots, boxes, furniture, instruments, etc., arriving uncompleted because one or several pieces are missing which have no bearing upon the kind and the nature of the article are appraised as though the articles had been in a finished condition.

All steel goods pay the same duty as goods made of iron.

To determine the tallow in grease the latter will be melted, whereby it is taken for granted that the fusion takes place at a heat of over 44 centigrades.

Subject to attachment are:

I. All foreign goods, not excepting baggage, tools and outfit of ships, although allowed to land, if they are hidden in or taken out of the ship by fraud and brought ashore, or are landed at any other point than is specified in the documents; for such landing a fine has to be paid amounting to 25% of the appraisal of the goods.

II. Inflammable goods, the composition of which is not described in detail in the manifestoes, be the consignment wholesale or retail; this provision does not exempt the owner or consignee from his liability for all the damage those goods may do to the Custom House warehouse.

III. Foodstuffs and other articles the decay of which or the bad quality of which would involve a danger to consumers.

Obscene pictures and statues or other merchandise and objects the nature of which tends to ruin the morality.

Ferocious beasts, reptiles and poisonous insects imported without a special permit of the Inspector or local Governor; besides, a fine is to be paid amounting to from $50 to $500 in each and every case; this does not free the party in question from the liability for all damage done by such merchandise. The latter will be destroyed.

IV. Weapons of every description, ammunition of war and powder, which is not for the use in the mines and which are not mentioned in the manifest, nor are introduced with the special permission of the Inspector at Valparaiso; moreover a fine of 25% ad valorem is to be paid for such goods. Excepted from this regulation is the quantity absolutely indispensable for the service on board.

V. Foreign merchandise that has paid no duty and is found on coastwise merchant vessels.

VI. All merchandise transshipped, loaded, unloaded or is found on vessels having touched or anchored at any place along the coast where certification is forbidden, except in cases of force majure, which must be duly attested.

VII. All merchandise owing import or export duty, which has been taken aboard of any vessel for shipment or transshipment, and for which the formalities ordered by this law have not been complied with.

Goods for which the entry in the Custom House has been attempted by fraud through the fault of some agent or merchant, either by withholding the documents or by changing words or figures for the purpose of lowering the quality of the goods, their weight, duty or appraisal, or by using any other means of deception; in addition to this penalty a fine has to be paid amounting to 25%.

The import of plants or stems of a vine into Chile is prohibited.

Attached to the Custom House in Valparaiso is an Assayer's Laboratory, where the Director of the Certification Office has the scientific assay attended to of all the merchandise imported from foreign countries which is deemed doubtful as to its composition or its quality.

IMPORTS IN CHILE.

ABBREVIATIONS.

Val.....Valuation.
Val. Var.....Valuations various.
K.....Kilos.
K. G.....Kilos gross.
K. I.....Kilos inclusive.
K. N.....Kilos net.
Grms.....Grammes.
Grms. I.....Grammes inclusive.
Grms. N.....Grammes net.
Spc.....Special.
Mt. Qtl.....Metric quintal.
Doz.....Dozen.

I.

ANIMALS AND ANIMAL PRODUCTS.

I. Live stock $6,280,490
II. Food Products 2,221,868
III. Industrials 3,362,771
IV. Manufactured Articles 1,213,572

I. LIVE STOCK.

Asses.—568 head; land route; duty, $10 each.
Argentina, $5,680. Total..... $5,680

Horses.—33 head; water route; free.
Great Britain, 15, $20,860; Peru, 17, $2,950; Ecuador, 1, $50. Total. 23,860

Horses.—7,921 head; land route; duty, $40 each.
Argentina, $316,840. Total 316,840

Goats.—14,936; land route; duty, $3 each.
Argentina, $44,808. Total..... 44,808

Goats.—10 head; water route; free.
Peru, $58. Total..... 58

Mules.—7,783 head; land route; duty, $50 each.
Argentina, $389,150. Total..... 389,150

Sheep.—425 head; water route; duty, at sight, spc., $2.
United States, 7, $1,000; Great Britain, 54, $10,240; Peru, 364, $3,168. Total 14,408

PORTS.	tals, 905.	Per Cent.	Totals, 1904.	1905. Increase.	1905. Decrease.	Numero de orden.
igua	32,569	1.888	2,993,613	568,956	.....	1
ique	42,736	12.802	15,906,746	8,235,990	.....	2
opilla	30,201	2.031	3,003,610	826,591	.....	3
ofagasta	18,912	8.653	6,439,432	9,879,480	.....	4
tal	02,812	1.804	5,111,660	.....	1,708,848	5
lera	54,502	0.771	1,408,511	45,991	.....	6
rizal B.	51,702	0.293	445,352	106,350	.....	7
uimbo	52,540	2.149	3,724,194	328,346	.....	8
paraiso	43,667	51.721	89,732,667	7,811,000	.....	9
cahuano	32,176	11.168	17,208,583	3,853,593	.....	10
onel	78,010	0.837	1,467,773	110,237	.....	11
divia	38,072	1.902	2,661,459	926,613	.....	12
. Montt	46,656	0.184	227,210	119,446	.....	13
ud	5,323	0.003	2,548	2,775	.....	14
guardos	78,671	3.329	5,925,276	353,395	.....	15
reos	77,869	0.465	893,446	.....	15,577	16
1905....	96,418	100.000	157,152,080	33,168,763	1,724,425	
1904....	52,080	.....	.....	1,724,425	.....	
Increase	.....	.....	33,053,420	.....	.....	
Decrease	.....	.....	1,609,082	.....	.....	
mento liquido	.....	.....	31,444,338	31,444,338	.....	
NTRIES IMPORTED						
at Britain	20,129	37.710	57,345,488	13,774,641	.....	1
many	37,686	25.233	42,456,638	5,131,048	.....	2
ted States	37,949	10.004	13,997,927	4,870,022	.....	3
nce	25,817	7.543	10,929,907	3,295,910	.....	4
tralia	66,663	4.012	3,865,912	3,700,751	.....	5
entine Republic	33,572	3.358	5,969,965	363,607	.....	6
y	18,697	2.714	4,736,265	382,432	.....	7
a	45,432	2.623	6,608,829	.....	1,663,397	8
rium	53,693	1.407	3,343,000	.....	689,307	9
a	49,548	1.352	2,128,628	420,920	.....	10
n	19,225	0.912	1,127,419	591,806	.....	11
zerland	43,314	0.818	838,090	705,224	.....	12
guay	31,557	0.573	613,473	468,084	.....	13
ador	33,099	0.495	676,125	256,974	.....	14
dl	98,061	0.423	1,503,171	.....	705,110	15
ima	33,115	0.176	39,631	293,484	.....	16
i	39,488	0.104	119,644	69,844	.....	17
a	53,186	0.086	153,991	9,195	.....	18
emala	68,250	0.036	120,405	.....	52,155	19
ria	59,933	0.032	16,099	43,834	.....	20
n	41,713	0.022	44,305	.....	2,592	21
gal	39,505	0.020	37,105	2,400	.....	22
nd	35,851	0.019	8,865	26,986	.....	23
ey	29,258	0.015	17,830	11,428	.....	24
guay	14,700	.....	7,482	7,218	.....	25
en	14,359	.....	5,664	8,695	.....	26
Rica	12,228	.....	26,613	.....	14,385	27
ia	12,010	.....	5,861	6,149	.....	28
o	11,805	0.038	8,928	2,877	.....	29
a	3,015	.....	196	2,819	.....	30
bia	2,247	.....	1,078	1,169	.....	31
ty	2,142	.....	4,762	.....	2,620	32
ark	31	.....	220	.....	189	33
	4	.....	3,241	.....	2,237	34
	.....	.....	21,326	.....	21,326	35
	.....	.....	2,800	.....	2,800	36
fish	97,622	0.269	365,197		.....	
countries	11,514	0.006	.....			
tales	96,418	.....	157,152			
	....	100%	..			

Sheep.—23,217 head; land route; duty, $3 each.
Argentina, $69,651. Total $69,651

Cows.—116 head; water route; duty, at sight, spc., $22.
Great Britain, 103, $117,350; Germany, 4, $2,440; Peru, 9, $900.
Total 120,690

Cows.—9,570 head; land route; duty, $70 each.
Argentina, $669,900. Total 669,900

Oxen.—44 head; water route; at sight, spc., $26.
Great Britain, $53,300. Total..... 53,300

Oxen.—48,059 head; land route; duty, $95 each, spc., $16.
Argentina, $4,565,606. Total 4,565,605

Miscellaneous animals.—1,808 head, valued at $6,540, imported from Great Britain, United States, Germany, Argentina, Bolivia and Peru 6,540

Live Stock. Total.....$6,280,490

II. FOOD PRODUCTS.

The value of food stuffs imported into Chile during the year amounted to $2,221,868, and this grand total was made up from the following countries, and in the ratios respectively set out:

Prepared Cocoa.—Val., $0.50; K. I., 25%.
Great Britain, $348; Germany, $348. Total..... $696

Salt Meats.—Beef and Pork—Val., $0.30; K. G., 25%.
United States, $5,181; Great Britain, $1,410; Germany, $726; Spain, $180; Italy, $600. Total..... 8,097

Caviar.—Val., $2; K. G., 60%.
United States, $204; Great Britain, $408; Germany, $2,400; France, $438; Italy, $42; Russia, $708. Total..... 4,200

Preserved Meats.—Val., $1.20; K. G., 60%.
United States, $13,134: Great Britain, $26,916; Germany, $10,122; France, $9,642; Belgium, $312; Italy, $10,500; Spain, $3,294; Peru, $348; China, $774. Total..... 75,042

Preserved Milk.—Val., $0.70; K. G., 60%.
United States, $2,114; Great Britain, $329,693; Germany, $61,565; France, $17,479; Belgium, $12,530; Italy, $2,674; Switzerland, $9,506; Sweden, $966; Portugal, $196; Argentina, $196. Total.. 436,849

Preserved Fish.—Val., $0.60; K. G., 60%.
United States, $109,962; Great Britain, $66,279; Germany, $50,340; France, $18,243; Italy, $54,036; Spain, $14,493; Portugal, $540; Peru, $141; China, $2,286. Total..... 316,320

Jerked Beef.—Val., $0.60; K. G., 60%.
Great Britain, $21; Germany, $69; France, $36; Argentina, $576; Bolivia, $444; Peru, $1,899; China, $387. Total..... 3,432

Meat Extract.—Val., $2.50; K. G., 60%.
United States, $460; Great Britain, $2,180; Germany, $1,035; Italy, $25. Total $3,700

Lard.—Val., $0.90; K. G., 60%.
Great Britain, $6,579; Germany, $27,027; Uruguay, $211,752; Argentina, $1,170. Total 246,528

Hams.—Val., $0.90; K. G., 60%.
United States, $1,134; Great Britain, $13,455; Germany, $1,386; France, $549; Italy, $108; Spain, $765; Portugal, $99. Total.... 17,496

Lobsters.—Val., $1.40; K. G., 60%.
United States, $1,596; Great Britain, $392; Germany, $154. Total. 2,142

Hog's Lard.—Val., $0.50; K. G., 25%.
United States, $203,569; Great Britain, $19,193; Germany, $145; France, $1,935; Ecuador, $4,208; Panama, $572; Uruguay, $1,250; Bolivia, $13. Total..... 230,885

Butter.—Val., $0.50; K. G., 35%.
Germany, $784; Italy, $432; Uruguay, $292. Total..... 1,508

Dried Fish.—Val., $0.50; K. G., 35%.
United States, $2,625; Great Britain, $14,642; Germany, $90,794; France, $1,740; Italy, $5,126; Spain, $5,159; Norway, $1,902; Sweden, $525; Argentina, $40: Bolivia, $80; China, $708. Total. 123,341

Cheese.—Val., $0.90; K. G., 60%.
United States, $1,143; Great Britain, $8,865; Germany, $21,393; France, $9,396; Belgium, $558; Italy, $67,509; Switzerland, $5,310; Holland, $32,598; Argentina, $1,512; Peru, $405. Total..... 148,689

Preserved Salmon.—Val., $0.60; K. G., 25%.
United States, $240,942; Great Britain, $18,729; Germany, $13,-239; France, $102; Italy, $3. Total..... 273,015

Sardines.—Val., $0.60; K. G., 35%.
United States, $27; Great Britain, $68,493; Germany, $68,214; France, $30,876; Belgium, $4,122; Italy, $1,239; Spain, $153,900; Portugal, $978; Argentina, $18; China, $18. Total..... 327,885

Lard.—Val., $0.90; K. G., 60%.
United States, $135; Great Britain, $1,350; Germany, $54; Italy, $171; Peru, $333. Total..... 2,043

III. INDUSTRIALS.

Whalebone.—Val. Var.; K. I., 25%.
Great Britain, $246; Germany, $871; France, $504. Total..... $1,621

Horn and Bone.—Val. Var.; K. I., 25%.
Great Britain, $450; Germany, $150; France, $360. Total..... 960

Bone Dust.—Val., $0.25; K. G., 25%.
Great Britain, $29; Germany, $1,884; Italy, $71. Total..... 1,984

Wax.—Val., $2.00; K. G., 25%.
Great Britain, $24; Germany, $144; France, $26. Total..... 194

Coarse Hair.—Val., $10.00; K. I., 25%.
Great Britain, $820; Germany, $2,170; France, $150. Total..... $3,140

Shoemaker's Wax.—Val., $1.00; K. I., 25%.
United States, $138; Great Britain, $96; Germany, $847; France, $424; Belgium, $54. Total..... 1,559

Common Glue.—Val., $0.60; K. G., 35%.
United States, $3.00; Great Britain, $8,646; Germany, $5,820; France, $5,034; Italy, $3,402. Total..... 22,905

Glue for Preserving Liquors.—Val., $1.00; K. I., 25%.
Great Britain, $1,412; Germany, $771; France, $6,211. Total.... 8,394

Liquid Rennet.—Val., $0.50; K. G., 5%.
United States, $180; Great Britain, $670; Germany, $4. Total.. 854

Powdered Rennet.—Val., $8.00; K. I., 5%.
Great Britain, $160; Germany, $3,920. Total..... 4,080

Goatskins.—Val., $2.00; K. N., 25%.
France, $2.00; Argentina, $41,226. Total..... 41,228

Sheepskins.—Val., $1.30; K. N., 25%.
Great Britain, $1,755; France, $26; Argentina, $7,709; Bolivia, $390. Total..... 9,880

Cow Hides.—Val., $0.40; K. N., 25%.
Great Britain, $2.00; Argentina, $1,054; Bolivia, $1,036. Total.. 2,092

Other Classes of Hides.—Val., $6.60; K. N., 25%.
Germany, $66; France, $231. Total..... 297

Buffalo Hides, Dressed.—Val., $4.00; K. I., 25%.
United States, $2,816; Great Britain, $15,152; Germany, $5,476; France, $31,232; Argentina, $1,440. Total..... 56,116

Moose and Buck Skins.—Val., $6.00; K. I., 5%.
Great Britain, $318; Germany, $90; France, $1,500; Spain, $6. Total 1,914

Pigskins and Chamois.—Val., $6; K. I., 25%.
United States, $84; Great Britain, $1,632; Germany, $3,072; France, $10,182; Italy, $168. Total..... 15,138

Calfskins.—Val., $10; K. I., 25%.
United States, $21,250; Great Britain, $42,480; Germany, $52,580; France, $105,010; Italy, $380. Total..... 221,700

Sheepskins, Dressed.—Val., $10; K. I., 25%.
Great Britain, $43,630; Germany, $15,740; France, $20. Total... 59,390

Kidskins and Imitations.—Val., $10; K. I., 25%.
United States, $5,780; Great Britain, $2,650; Germany, $17,270; France, $101,600; Belgium, $230; Italy, $420. Total..... 127,950

Kidskin for Gloves.—Val., $20; K. I., 5%.
Germany, $3,740; France, $2,180. Total..... 5,920

Chagrin.—Val., $10; K. I., 25%.
United States, $580; Great Britain, $2,160; Germany, $2,930; France, $95,430; Panama, $10,270. Total..... $111,370

Morocco.—Val., $10; K. I., 25%.
United States, $26,630; Great Britain, $30,980; Germany, $120,630; France, $272,600; Bolivia, $870. Total..... 451,710

Imitation Chagrin.—Val., $5; K. I., 25%.
United States, $4,465; Great Britain, $19,645; Germany, $118,335; France, $177,530; Belgium, $4,540; Argentina, $20. Total..... 324,535

Patent Leather.—Val., $8; K. I., 25%.
United States, $824; Great Britain, $9,824; Germany, $106,960; France, $175,792; Spain, $2,096. Total..... 295,496

Hides for Tapestries.—Val., $10; K. I., 25%.
Germany, $410; France, $40. Total..... 450

Hides for Bookbinding.—Val., $15; K. I., 25%.
Great Britain, $165. Total..... 165

Degras.—Val., $0.36; K. G., 5%.
Great Britain, $1,281; Germany, $23,380; France, $35,987. Total 60,648

Common Sponges.—Val., $10; K. N., 25%.
United States, $1,550; Great Britain, $1,770; Germany, $3,760; France, $2,870; Italy, $560. Total..... 10,010

Fine Sponges.—Val., $40; K. N., 25%.
United States, $40; Great Britain, $5,920; Germany, $3,320; France, $3,080. Total..... 12,260

Sperm.—Val., $2; K. N., 5%.
United States, $38; Germany, $188. Total..... 226

Stearine.—Val., $0.40; K. G., 15%.
United States, $6,560; Great Britain, $978; Germany, $593,744; France, $4; Belgium, $8,332; Sweden, $138,508. Total..... 748,126

Gelatine.—Val., $2; K. I., 25%.
United States, $10; Great Britain, $266; Germany, $9,572; France, $3,596; Italy, $200. Total..... 13,644

Fish Bone Dust.—Val., $0.50; K. G., 25%.
Great Britain, $93; Germany, $51; France, $195. Total..... 339

Soft Soap.—Val., $0.30; K. G., 25%.
United States, $45; Great Britain, $804; France, $825. Total.... 1,674

Common Soap.—Val., $0.50; K. G., 25%.
United States, $18,134; Great Britain, $81,292; Germany, $6,018; France, $457; Italy, $132; Spain, $560; China, $28. Total..... 106,621

Soap Powder.—Val., $0.80; K. G., 25%.
United States, $20; Great Britain, $1,240; Germany, $8. Total.. 1,268

Scouring Soap.—Val., $0.80; K. I., 25%.
United States, $180; Great Britain, $296; France, $28. Total.... 504

Furs for Trimmings.—Val., $15; K. I., 35%.
Germany, $45. Total..... $45

Furs for Wearing Apparel.—Val., $12; K. I., 35%.
Great Britain, $12; Germany, $4,932; France, $9,084; Russia, $2,280. Total..... 16,308

Swan and Similar Skins.—Val., $50; K. I., 35%.
Great Britain, $100; Germany, $50. Total..... 150

Swan and Other Feathers.—Val., $5; K. I., 25%.
Great Britain, $55; Germany, $100; Argentina, $64. Total..... 219

Tallow.—Val., $0.36; K. G., 25%.
United States, $34,511; Great Britain, $93,555; Germany, $20,774; Argentina, $8,379; Uruguay, $340,290. Total..... 497,547

Leather.—Val., $3; K. N., 25%.
Great Britain, $9,189; Germany, $19; Argentina, $15. Total..... 9,189

IV. MANUFACTURED PRODUCTS OF ANIMAL ORIGIN.

A great interest is being taken in Chile at present in the development of the manufacture of articles for domestic use, especially those whose matter is found in great abundance in the country, as, for instance, the manufacture of buttons and articles of bone, etc., for which the bones of those animals are used which at present are being exported in cargoes from Chile to foreign markets. As soon as a factory is established in Chile for some new article, and with sufficient capital to supply the whole country's demand, the duty is raised on the import of that same article from abroad. The society of Fomento Fabril occupies itself each year with obtaining from the government the necessary means for raising the duties on similar articles of foreign make. This is done by the society gratuitously, simply to protect the country's industries.

Awnings, etc.—Val., Var.; K. N., 60%.
Great Britain, $3,730; Germany, $2,039; France, $3,690; Italy, $135. Total..... $9,594

Rugs.—Val., $6.50; K. N., 35%.
Germany, $26; France, $39; Bolivia, $78. Total..... 143

Vicuna Carpet.—Val., $12; K. N., 35%.
Bolivia, $300. Total..... 300

Harness, etc.—Val., $60; each, 35%.
United States, $1,740; Great Britain, $2,460; Germany, $780; France, $420. Total..... 5,400

Harness and Mountings.—Val., $200; each, 35%.
United States, $200; Great Britain, $600; Germany, $400. Total. 1,200

Saddlery.—Val. Var.; K. I., 35%.
United States, $42; Great Britain, $2,572; Germany, $400; France, $92. Total..... $3,170

Razor Strops.—Val., $3; K. G., 35%.
United States, $483; Great Britain, $201; Germany, $501; France, $57. Total..... 1,242

Horn and Bone Articles.—Val. Var.; K. I., 25%.
United States, $72; Great Britain, $1,209; Germany, $1,114; France, $1,469; Italy, $66. Total..... 3,930

Leather Goods.—Val. Var.; K. I., 35%.
United States, $23,856; Great Britain, $66,232; Germany, $28,307; France, $11,673; Italy, $290; Sweden, $18; Panama, $264. Total 130,640

Tortoise Shell.—Val. Var.; Grms., 35%.
Germany, $14; France, $28. Total..... 42

Ivory Goods.—Val. Var.; Grms., 35%.
Great Britain, $44; Germany, $576; France, $249; Spain, $192. Total 1,061

Mother of Pearl Goods.—Val. Var.; K. I., 25%.
Great Britain, $288; Germany, $1,984; France, $4,720; Spain, $880. Total..... 7,872

Horsehair Goods.—Val. Var.; 35%.
Great Britain, $168; Germany, $1,511; France, $906; China, $5. Total 2,590

Wax Goods.—Val. Var.; 60%.
Germany, $200. Total..... 200

Trunks and Hand Bags.—Val. Var.; K. N., 35%.
United States, $8,360; Great Britain, $10,820; Germany, $9,764; France, $3,002; Italy, $365. Total..... 32,311

Horn and Bone Buttons.—Val., $2.40; K. I., 25%.
Great Britain, $1,716; Germany, $6,492; France, $2,016; Italy, $1,224. Total..... 11,448

Mother of Pearl Buttons.—Val., $12; K. I., 25%.
Great Britain, $10,524; Germany, $31,524; France, $29,352; Italy, $240; Spain, $504. Total..... 72,144

Top Boots.—Val., $8; K. I., 35%.
Great Britain, $5,056; Germany, $1,432; France, $1,000. Total.. 7,488

School Bags.—Val., $5; K. I., 35%.
Great Britain, $790; Germany, $695; France, $590. Total..... 2,075

Leather Hand Bags.—Val Var.; 35%.
Great Britain, $45; Germany, $2,598; France, $993; Belgium, $18; Italy, $60. Total..... 3,714

Horse Brushes.—Val., $4.50; K. I., 60%.
United States, $18; Great Britain, $153; Germany, $486; France, $90. Total..... 747

Letter Files.—Val., $6; K. I., 25%.
Great Britain, $546; Germany, $1,686; France, $30. Total..... $2,262

Shaving Brushes.—Val., $5; K. I., 25%.
United States, $20; Great Britain, $825; Germany, $1,140; France, $430. Total..... 2,415

Hair Goods.—Val., $75; Grms., 60%.
France, $45. Total..... 45

Girls' Shoes.—Val. Var.; Doz., 25%.
United States, $7,050; Great Britain, $70,986; Germany, $25,125; France, $54,435; Italy, $600; Switzerland, $4,935; Spain, $10,530. Total 173,661

Men's Shoes.—Val. Var.; pair, 60%.
United States, $29,136; Great Britain, $47,712; Germany, $2,236; France, $2,043; Italy, $36; Argentina, $576; China, $24. Total.. 81,763

Boys' Shoes.—Val. Var.; Doz. 60%.
United States, $420; Argentina, $15; Great Britain, $14,188; Germany, $3,486; France, $16,116; Switzerland, $336; Spain, $270. Total 34,831

Women's Shoes.—Val. Var.; Pair, 60%.
United States, $1,188; Great Britain, $4,758; Germany, $9,690; France, $456. Total..... 16,092

Leather Cases for Cards and Cigars.—Val. Var.; Doz., 35%.
Great Britain, $11,696; Germany, $12,890; France, $14,570; Italy, $3,440. Total..... 42,596

Tooth and Nail Brushes.—Val., $6; K. I., 35%.
Great Britain, $2,928; Germany, $1,782; France, $3,396; Italy, $60. Total..... 8,166

Hair and Clothes Brushes.—Val., $6; K. I, 60%.
United States, $420; Great Britain, $4,566; Germany, $7,710; France, $62,340; Italy, $1,452. Total..... 76,488

Shoe Brushes.—Val., $1.20; K. I., 60%.
United States, $6,126; Great Britain, $138; Germany, $258; France, $138; Italy, $144. Total..... 6,804

Hair Sieves.—Val., $1.60; K. G., 25%.
Great Britain, $40; Germany, $392; France, $64. Total..... 496

Tortoise Shell Hair and Clothes Brushes.—Val., $90; Doz., 60%.
France, $4,680. Total..... 4,680

Brushes for Various Uses.—Val. Var.; K. I., 60%.
Great Britain, $16; France, $125. Total..... 141

Women's and Children's Leather Belts.—Val., $10; K. I., 35%.
Great Britain, $380; Germany, $900; France, $660. Total..... 1,940

Shoe Uppers.—Val. Var.; K. N., 25%.
Germany, $300. Total..... 300

Leather Straps.—Val. Var.; K. I., 35%.
United States, $54; Great Britain, $5,680; Germany, $827; France, $906. Total..... $7,467

Dog Collars.—Val., $4; K. I., 35%.
Great Britain, $164; Germany, $360. Total..... 524

Horse Collars.—Val., $6; Each, 35%.
Germany, $72; France, $300. Total..... 372

Hair Textiles.—Val. Var.; 25%.
Great Britain, $506; Germany, $1,710; France, $1,368; Argentina, $460. Total..... 4,044

Leather Cases for China.—Val., $3; K. I., 35%.
Great Britain, $465; Germany, $1,236; France, $498. Total..... 2,199

Spectacle Cases.—Val., $12; K. I., 35%.
Germany, $576. Total..... 576

Leather Hat Boxes.—Val. Var.; K. I., 25%.
United States, $190; Great Britain, $3,107; Germany, $1,185; France, $1,125. Total..... 5,607

Cases for Cigar Holders and Jewelry.—Val., $15; K. I., 35%.
Germany, $405; France, $465. Total..... 870

Coarse Hair Brushes.—Val., $8; Doz., 60%.
Great Britain, $128; Germany, $232; France, $1,568. Total..... 1,928

Wax Flowers.—Val., $16; K. I., 35%.
Great Britain, $896; Germany, $304; France, $1,136. Total..... 2,336

Foot Warmers.—Val., $5; Each, 35%.
Great Britain, $90; Germany, $45; France, $245; Italy, $5. Total 385

Men's Hair Caps.—Val., $12; Doz., 35%.
Germany, $72. Total..... 72

Unlined Fur Gloves.—Val., $0.048; Grms., 35%.
Great Britain, $23,398; Germany, $10,116; France, $24,408; Italy, $96; Belgium, $252; Spain, $240. Total..... 58,510

Lined Fur Gloves.—Val., $30; K. Each Case, 35%.
Great Britain, $210; France, $150. Total..... 360

Boxing and Fencing Gloves.—Val., $5; K. Each Case, 35%.
United States, $115; Great Britain, $765; Germany, $30; France, $5. Total..... 915

Quill Toothpicks.—Val., $8; K. I., 25%.
Great Britain, $208; Germany, $32; France, $440. Total..... 680

Leather Necessaries.—Val. Var.; Each, 35%.
Great Britain, $1,998; Germany, $2,160. Total..... 4,158

Millinery Feathers.—Val., $0.04; G. G., 35%.
Great Britain, $14,530; Germany, $7,360; France, $16,228. Total.. 38,124

Ostrich Feathers.—Val., $0.14; G. N., 35%.
Germany, $175; France, $35. Total..... $210

Feathers, as Wings or Birds.—Val., $0.02; Grms., 35%.
Great Britain, $326; Germany, $892; France, $1,310; Italy, $34.
Total 2,562

Barnyard Fowl Feathers for Trimmings.—Val., $10; K. I., 35%.
Great Britain, $20; Germany, $2,610; France, $1,420. Total..... 4,050

Feather Dusters.—Val., $3; K. I., 35%.
United States, $20,178; Great Britain, $162; Germany, $993;
France, $141; China, $12. Total..... 21,486

Fine Feather Dusters for Toilet.—Val., $7; K. I., 35%.
United States, $966; Great Britain, $6,426; Germany, $1,533;
France, $4,627. Total..... 13,552

Horn and Bone Combs.—Val. Var.; K. I., 25%.
United States, $861; Great Britain, $14,895; Germany, $31,423;
France, $10,851; Italy, $5,902. Total..... 63,932

Leather Pocketbooks.—Val. Var.; Doz., 35%.
United States, $48; Great Britain, $11,606; Germany, $18,910;
France, $12,410; Italy, $736; Japan, $1,320. Total..... 45,030

Leather Hat Blocks.—Val., $8; K. I., 15%.
Great Britain, $2,968; Germany, $5,600; France, $2,416; Italy,
$1,408. Total..... 12,392

Morocco Shoe Shapes.—Val., $14; K. I., 25%.
Great Britain, $1,414; Germany, $532; France, $350. Total..... 2,296

Children's Sandals.—Val., $18; Doz., 60%.
Great Britain, $1,044. Total..... 1,044

Saddles.—Val. Var.; Each, 35%.
United States, $660; Great Britain, $32,160; Germany, $5,430;
France, $3,660; Italy, $360; Argentina, $330. Total..... 42,600

Hair Hats, Men's and Boys'.—Val. Var.; Doz., 35%.
France, $2,448. Total..... 2,448

Women's Hair Hats, etc.—Val. Var.; Doz., 35%.
Great Britain, $278; France, $648; Italy, $36. Total..... 962

Low Shoes and Slippers.—Val., $1.40; K. N., 60%.
Great Britain, $497; Germany, $3,010; France, $1,659; Spain,
$2,387; China, $112. Total..... 7,665

Canvas Shoes.—Val., $8; K. N., 60%.
United States, $1,008; Great Britain, $8,448; Germany, $736;
France, $584. Total..... 10,776

Men's and Women's Slippers.—Val. Var.; Doz., 60%.
United States, $620; Great Britain, $10,656; Germany, $37,365;
France, $54,670; China, $30. Total..... 103,341

RESUME.

I.	Live Stock	$6,280,490
II.	Food Products	2,221,868
III.	Industrials	3,362,771
IV.	Manufactured Articles	1,213,572
	Total	$13,078,701

II.

VEGETABLE PRODUCTS.

I.	Fruits, Grains, Vegetables and Herbs	$5,974,306
II.	Alimentary Products	6,764,360
III.	Manufactured Products	1,318,571
IV.	Manufactures	826,702
V.	Wood	3,126,627
VI.	Tobaccos	438,639

1. FRUITS, GRAINS, VEGETABLES AND HERBS.

Ground Red Pepper (Chile).—Val., $0.40; K. G., 60%.
Great Britain, $1,408; Germany, $41,636; France, $2,008; Italy, $20,156; Spain, $36,256; Portugal, $320. Total..... $101,784

Whole Red Pepper.—Val., $0.25; K. G., 60%.
Peru, $14,535. Total 14,535

Oats.—Val., $0.12; K. G., 60%.
Germany, $30. Total..... 30

Almonds.—Val. Var.; K. G., 35%.
Great Britain, $636; Germany, $2,588; Italy, $3,578; Spain, $674; China, $11. Total..... 7,487

Canary Seed.—Val., $0.20; K. G., 60%.
Great Britain, $2,493; Germany, $309; France, $1,206; Italy, $754; Panama, $2,240; Ecuador, $2,449; Brazil, $4,387; Uruguay, $23,096; Argentina, $690. Total 37,615

Aniseed.—Val., $0.65; K. G., 60%.
United States, $65; Germany, $26; France, $91. Total..... 182

Rice.—Val., $0.14; K. G., 25%.
United States, $329; Great Britain, $60,886; Germany, $427,665; France, $4,606; Belgium, $3,052; Italy, $243,495; China, $4,994; Japan, $644; India, $402,738; Panama, $322; Ecuador, $1,911; Peru, $160,321. Total..... 1,310,963

Peas.—Val., $0.20; K. G., 25%.
Great Britain, $340; Germany, $185. Total..... 525

Hazelnuts and Chestnuts.—Val., $0.50; K. G., 25%.
Great Britain, $67; Germany, $22; Italy, $830; Spain, $30. Total.. 949

Coffee.—Val., $0.60; K. N., $0.10 Spc.
United States, $2,376; Great Britain, $101,571; Germany, $116,-169; France, $1,098; Spain, $3,600; Mexico, $11,676; Guatemala, $63,570; Nicaragua, $459; Costa Rica, $12,228; Panama, $175,842; Ecuador, $739,890; Peru, $140,652; Bolivia, $8,424; Brazil, $410,-520. Total.....$1,788,975

Ground Coffee.—Val., $1; K. N., $9.10 Spc.
Great Britain, $566; Bolivia, $82. Total..... 648

Cacao in Husk.—Val., $0.15; K. G., 5%.
Germany, $2,082; Italy, $405. Total..... 2,487

Cacao Nibs or Raw Cacao.—Val., $0.80; K. G., 5%.
Great Britain, $2,224; Germany, $7,200; France, $656; Columbia, $960; Ecuador, $97,536; Peru, $1,160. Total..... 109,736

Mushrooms.—Val., $0.75; K. G., 25%.
United States, $282; Great Britain, $2,880; Germany, $5,709; France, $405; Italy, $11,655; Spain, $2,919; China, $2,037. Total. 25,887

Whole Cinnamon.—Val., $1; K. G., 5%.
Great Britain, $2,524; Germany, $12,984; France, $323; Italy, $207. Total 24,302

Sweet Potatoes.—Val., $0.08; K. G., free.
Germany, $64; Peru, $94. Total..... 158

Pearl Barley.—Val., $9.25; K. G., 25%.
Great Britain, $4,962; France, $125; Germany, $1,422. Total.... 6,529

Onions.—Val., $0.02; K. G., 25%.
Peru, $117. Total..... 117

Whole Cloves.—Val., $0.75; K. G., 25%.
Great Britain, $603; Germany, $1,578; France, $63; Italy, $585; China, $54. Total..... 2,883

Ground Cloves.—Val., $1; K. G., 25%.
Great Britain, $20; Germany, $5; France, $72. Total..... 79

Ground Cocoanut.—Val., $0.60; K. G., 25%.
Great Britain, $207; Germany, $1,758; Argentina, $42. Total.... 2,007

Cummin.—Val., $0.50; K. G., 60%.
Great Britain, $3,175; Germany, $33,300; Italy, $31,233; Spain, $850. Total 67,558

Truffles.—Val., $4; K. I., 35%.
Great Britain, $572; France, $4,708; Italy, $1,928; Belgium, $156. Total 7,364

Species Unspecified.—Val., $3; K. G., 25%.
United States, $18; Great Britain, $75; Peru, $2,598. Total.... 2,691

Beans.—Val., $0.15; K. G., 25%.
Great Britain, $207; China, $81; Peru, $1,638. Total..... 1,928

Fresh Fruit.—Val. Var.; K. G., 25%.
Peru, $6,214. Total..... 6,214

Dried Fruit.—Val., $0.50; K. G., 60%.
United States, $349; Great Britain, $10,265; Germany, $2,925; France, $2,628; Italy, $1,375; Spain, $12; China, $102. Total.... $17,666

Other Fruits.—Val., $0.20; K. G., 25%.
Peru, $24,289. Total..... 24,289

Vegetables and Garden Stuff Not Specified.—Val., $0.60; K. G., 25%.
Great Britain, $321; Germany, $315; Peru, $48; China, $756. Total. 1,440

Linseed.—Val., $0.10; K. G., 25%.
Great Britain, $10; France, $12. Total..... 22

Peanuts.—Val., $0.20; K. G., 25%.
Peru, $11,684; Bolivia, $112. Total..... 11,796

Maize.—Val., $0.10; K. G., 60%.
Peru, $84. Total 84

Potatoes.—Val., $0.02; K. G., 25%.
Germany, $25; Peru, $72. Total..... 97

Pepper, Whole or Ground.—Val., $0.75; K. G., 25%.
United States, $627; Great Britain, $25,380; Germany, $45,201; Italy, $7,254; Spain, $630; China, $1,155. Total..... 80,242

Cotton or Palm Seed.—Val., $0.25; K. G., free.
Germany, $36. Total 36

Pistachios and Pine Kernels.—Val., $0.80; K. G., 60%.
Great Britain, $144; Italy, $467; Spain, $48. Total..... 668

Exotic Plants and Their Seeds.—Val., $0.60; K. G., free.
United States, $3,633; Great Britain, $3,693; Germany, $12,000; France, $10,101; Italy, $525; Panama, $4,881; Ecuador, $2,232; Peru, $41,607; Uruguay, $63. Total..... 78,735

Curry Powders.—Val., $0.65; K. G., 25%.
Great Britain, $2,249; Germany, $236. Total..... 2,535

Hay Seed.—Val., $0.13; K. G., 25%.
Peru, $4,434. Total 4,434

Tea.—Val., $0.80; K. N., $1 Spc.
Great Britain, $769,584; Germany, $42,260; France, $1,112; Peru, $40; Spain, $6,292; China, $49,140; India, $1,596; Indo-China, $3,516; Ceylon, $7,344. Total..... 880,884

Wheat.—Val., $0.10; K. G., free.
United States, $32,617; Great Britain, $50; Germany, $566; Italy, $3,110; Australia, $252,797; Peru, $10; Uruguay, $197,144; Argentine, $58,642. Total 454,936

Vanilla.—Val., $20; K. I., 15%.
United States, $140; Italy, $280; Great Britain, $9,900; Germany, $6,700; France, 350. Total..... 17,380

Mate, or Paraguay Tea.—Val., $0.35; K. N., $0.05 Spc.
United States, $180.32; Great Britain, $385.40; Germany, $679;

Italy, $119; Brazil, $379,218; Paraguay, $14,238; Uruguay, $391,-118; Argentina, $4,277. Total..... $846,230

Fruits, Grains, Vegetables, etc. Total.....$5,974,306

2. ALIMENTARY PRODUCTS.

Olive Oil.—Val., $1; K. N., $30.14.
United States, $258,100; Great Britain, $140,435; Germany, $153,-034; France, $212,860; Italy, $1,639,985; Spain, $152,191; Austria, $2,000; Holland, $1,000; Panama, $1,040; Peru, $16. Total..$2,560,661

Olives, Preserved.—Val., $0.50; K. G., 60%.
United States, $14; Great Britain, $876; Germany, $2,289; France, $107; Italy, $1,581; Spain, $6,069; Peru, $40; China, $292. Total. 11,259

Refined Sugar.—Val., $0.20; K. N., Spc., $14.35 Mt. Qtl.
Great Britain, $389; Germany, $134,964; France, $3,251; Belgium, $1,706; Ecuador, $820; Peru, $468. Total..... 141,518

White Sugar, called Rosa Emilia.—Val., $0.15; K. N., Spc., $11.40 Mt. Qtl.
Great Britain, $3; Germany, $2,472; Panama, $225; Ecuador, $17,028; Peru, $14,384. Total..... 34,032

Granulated Sugar.—Val., $0.10; K. G., Spc., $6.50 Mt. Qtl.
Great Britain, $68; Colombia, $1,119; Panama, $17,244; Ecuador, $3,429; Peru, $3,201,815. Total..... 3,223,675

Sugar, Unrefined.—Val., $0.08; K. N., Spc., $5.60 Mt. Qtl.
Germany, $692; Panama, $1,418; Peru, $42,908. Total..... 44,118

Coffee of Chicory, Ground.—Val., $0.80; K. N., 25%.
Great Britain, $20; Germany, $384. Total..... 404

Coffee of Barley or Malt, Ground.—Val., $1.80; K. N., 25%.
Germany, $36. Total..... 36

Coffee of Chicory.—Val., $0.30; K. G., 25%.
United States, $204; Great Britain, $6,477; Germany, $12,345; France, $201; Belgium, $573; Holland, $1,119; Ecuador, $675; Argentine, $27. Total..... 21,621

Cacao, Ground, or Powder Called Cocoa.—Val., $1.20; K. G., 35%.
United States, $576; Great Britain, $26,826; Germany, $13,710; France, $612; Belgium, $228; Italy, $960; Panama, $1,206; Ecuador, $2,922. Total..... 47,040

Cacao in Milk, Peptonized.—Val., $0.80; K. G., 25%.
Great Britain, $640; Germany, $92. Total..... 732

Starch Potatoes.—Val., $0.40; K. G., 25%.
United States, $556; Great Britain, $1,816; Germany, $31,336; France, $808; Bolivia, $72. Total..... 34,588

Lump Sugar.—Val., $0.20; K. G., 25%.
Panama, $239; Peru, $6,548. Total..... 6,789

Preserves.—Val., $0.70; K. G., 60%.
United States, $6,608; Great Britain, $10,906; Germany, $7,525; France, $2,387; Italy, $2,555; Spain, $343; Peru, $42; China, $546. Total 38,912

Preserved Vegetables.—Val., $0.55; K. G., 60%.
United States, $3,256; Great Britain, $25,476; Germany, $10,791; France, $25,432; Italy, $11,077; Spain, $7,484; Peru, $33; China, $5,632. Total $89,177

Rolled Oats.—Val., $0.40; K. G., 60%.
United States, $11,546; Great Britain, $1,706; France, $1,128; Belgium, $24. Total 14,404

Chocolate, Pure.—Val., $1.30; K. G., 35%.
Great Britain, $442; Germany, $585; France, $65; Italy, $5,655; Spain, $117; Argentine, $26. Total..... 6,890

Chocolate, Confected.—Val., $1.30; K. G., 60%.
United States, $611; Great Britain, $8,073; Germany, $2,080; France, $1,196; Belgium, $1,274; Italy, $7,800. Total..... 21,034

Chocolate Paste and Powder.—Val., $1.20; K. G., 35%.
Great Britain, $48,288; Germany, $8,436; France, $24,798; Belgium, $156; Italy, $6,846; Spain, $3,534. Total..... 92,058

Preserved Fruits.—Val., $0.70; K. G., 60%.
Great Britain, $5,089; Germany, $1,225; France, $994; Italy, $1,736; Spain, $168; Peru, $49; Argentine, $49. Total..... 9,310

Confected Sweets.—Val., $1.30; K. G., 60%.
United States, $4,849; Great Britain, $27,612; Germany, $9,477; France, $5,174; Italy, $7,163; Spain, $1,664; China, $195. Total.. 56,134

Vermicelli.—Val., $0.60; K. G., 60%.
Great Britain, $666; Germany, $1,488; France, $36; Italy, $8,058; China, $798. Total..... 11,046

Biscuits and Shipbiscuits.—Val., $1.00; K. G., 60%.
Great Britain, $3,803; Germany, $1,334; France, $514; Italy, $168; China, $28; Argentine, $17. Total..... 5,856

Flour of Oats, Rye, Chestnuts, etc.—Val., $0.40; K. G., 25%.
United States, $4,084; Great Britain, $13,178; Germany, $4,356; France, $574; Italy, $184; Uruguay, $1,512; China, $96. Total... 23,984

Flour for Infants and Invalids.—Val., $0.80; K. G., 25%.
United States, $1,888; Great Britain, $23,312; Germany, $32,540; France, $9,220; Italy, $1,368; Argentine, $64. Total..... 68,392

Wheat Flour.—Val., $0.12; K. N., Spc., $0.02.
United States, $105,009; France, $120; Argentine, $7,998. Total.. 113,127

Molasses.—Val., $0.30; K. G., 25%.
Great Britain, $1,410; Germany, $201. Total..... 1,611

Prepared Mustard.—Val., $0.80; K. G., 60%.
Great Britain, $20,224; Germany, $13,612; France, $14,240; Italy, $144; Spain, $240. Total..... 48,460

Mustard in Powder.—Val., $0.90; K. G., 25%.
Great Britain, $5,814; Germany, $1,782; France, $2,025; Spain, $243. Total 9,869

Jelly Powders.—Val., $1.30; K. G., 25%.
Great Britain, $208; Germany, $52. Total..... $260

Sago and Tapioca.—Val., $1.30; K. G., 25%.
United States, $130; China, $21; Great Britain, $2,856; Germany, $3,606; France, $252. Total..... 6,873

Sauces, Various.—Val., $0.80; K. G., 60%.
United States, $592; Great Britain, $14,564; Germany, $1,924; France, $2,324; Italy, $3,196; Spain, $152; China, $5,008. Total.. 27,760

Sindetikon.—Val., $1.60; K. I., 25%.
United States, $16; Germany, $136; Great Britain, $8. Total.... 160

Provisions, Assorted.—Val., Var.; K., 25%.
United States, $24; Great Britain, $258; Germany, $150; France, $81; China, $64. Total..... 577

Alimentary Products.—Total $6,764,360

3. MANUFACTURED PRODUCTS.

Starch.—Val., $0.30; K. G., 60%.
Great Britain, $120; Germany, $76; France, $2,274; Belgium, $270. Total $79,146

Vegetable Tar.—Val., $0.14; K. G., free.
United States, $15,764; Great Britain, $11,165; Germany, $16,625. Total 43,554

Burnt Sugar or Caramel.—Val., $1; K. G., 25%.
United States, $272; France, $6; Germany, $22,580; Great Britain, $1,867. Total 24,725

Tar, Solid and Prepared for Ship Use.—Val., $0.14; K. G., free.
United States, $756; Peru, $14; Great Britain, $4,214; Germany, $12,159. Total. 17,143

Vegetable Wax.—Val., $0.80; K. G., 25%.
United States, $288; Germany, $312. Total..... 600

Copra.—Val., $0.20; K. G., free.
Germany, $14,630. Total..... 14,630

Cork in Strips or Chunks.—Val., $0.20; K. G., free.
Germany, $44. Total 44

Cork Ground or Chopped.—Val., $1.50; K. G., 25%.
Great Britain, $273; Germany, $126. Total..... 399

Cylindrical Corks.—Val., $1.50; K. G., free.
Great Britain, $11,646; Germany, $86,907; France, $20,352; Italy, $3,927; Spain, $101,304; Portugal, $585. Total..... 224,901

Cork in Rings, Tablets or Discs for Stoppers.—Val., $8.00; K. G., free.
Germany, $34,072; France, $41,632; Spain, $127,768. Total..... 203,472

Horse Hair, Loose or Braided.—Val., $0.10; K. G., 60%.
United States, $22; France, $296; Germany, $2,754. Total..... 3,072

Campeche Extract.—Val., $0.65; K. G., 25%.
United States, $3,900; Italy, $13; France, $507; Australia, $5,629; Great Britain, $91. Total $10,140

Tow for Ship.—Val., $0.30; K. G., free.
United States, $795; France, $705; Germany, $19,356; Great Britain, $6,909. Total 27,765

Glucose, Solid or Liquid.—Val., $0.20; K. G., 25%.
United States, $1,600; Germany, $3,360; Great Britain, $689. Total 5,649

Rubber, in Strips.—Val., Var.; K. G., 5%.
United States, $2,064; France, $646; Germany, $36,246; Great Britain, $59,798. Total 98,754

Rubber, in Strips, for Machinery.—Val., $2.00; K. G., free.
United States, $4; Spain, $38; Germany, $164; Great Britain, $642. Total 848

Rubber, in Strips, Containing Cloth.—Val., $2; K. G., 25%.
Great Britain, $166; Spain, $612; Germany, $12,012. Total..... 12,798

Senegal Rubber.—Val., $0.55; K. G., free.
Germany, $3,014. Total..... 3,014

Gum Lac.—Val., $1.25; K. I., free.
United States, $285; Great Britain, $4,500; Germany, $21,815; France, $2,000; Belgium, $4,215. Total..... 32,815

Mastic Gum.—Val., $5.00; K. I., free.
Great Britain, $125. Total..... 125

Sandarach.—Val., $1.25; K. I., free.
Germany, $320. Total..... 320

Gum Tragacanth.—Val., Var.; K. I., free.
United States, $868; France, $6; Germany, $1,623; Great Britain, $123. Total..... 2,620

Pine Oil or Vegetable Fat.—Val., $0.10; K. G., 15%.
United States, $120,518; Germany, $35,114; Great Britain, $29,386. Total 185,018

Rattan in the Rough.—Val., $0.30; K. G., free.
Germany, $96. Total..... 96

Rattan for Furniture.—Val., $0.80; K. G., free.
Germany, $6,936; China, $80. Total..... 7,016

Yeast and Leaven.—Val., $0.30; K. G., 5%.
United States, $873; France, $36; Germany, $2,352; Great Britain, $1,383. Total 4,644

Hops.—Val., $1.20; K. G., 5%.
Great Britain, $23,568; Germany, $164,250; France, $108. Total.. 187,926

Moss for Florists.—Val., $1.00; K. I., 25%.
Germany, $73; France, $184. Total..... 257

Logwood.—Val., $0.15; K. G., free.
Germany, $10,707; France, $45. Total..... $10,752

Rosin.—Val., $0.10; K. G., free.
United States, $77,752; Great Britain, $4,353; Germany, $10,655. Total 92,760

Herbs for Compounding Cordials, etc.—Val., $3.00; K. G., 25%.
Argentine, $90; Italy, $24; France, $45. Total..... 159

Sumach for Tanning.—Val., $0.16; K. G., 5%.
Germany, $4,524; Belgium, $320; Italy, $2,560. Total..... 7,404

Dextrine.—Val., $0.20; K. G., 25%.
United States, $600; France, $719; Great Britain, $1,583; Germany, $8,950. Total..... 11,852

Bricks of Cork and Asphalt.—Val., $0.20; K. G., 25%.
Germany, $4,341. Total..... 4,341

Manufactured Products.—Total.....$1,318,571

5. MANUFACTURES.

Rubber, Pillows and Cushions.—Val., $10; K. I., 25%.
France, $30. Total..... $30

Ornaments for Sweets.—Val., $8; K. I., 25%.
Germany, $864. Total..... 864

Rubber Comforters for Babies.—Val., $10; K. I., 25%.
United States, $570; Great Britain, $490; Germany, $1,640; France, $2,510. Total..... 5,210

Celluloid Articles.—Val., Var.; K. I., 35%.
Germany, $30; France, $40. Total..... 70

Celluloid Articles.—Val., $10; K. I., 60%.
Germany, $50. Total..... 50

Articles of Rubber, Guttapercha and Caoutchouc.—Val., Var.; K. I., 25%.
United States, $8,296; Great Britain, $15,276; Germany, $19,755; France, $11,308; Belgium, $60; Italy, $2,240; Spain, $180; Switzerland, $120. Total..... 57,235

Articles of Rattan, Wicker, Straw or Vegetable Fibers.—Val., Var.; K. G., 60%. United States, $248; Great Britain, $278; Germany, $72. Total..... 598

Plaited Straw or Jute Dish Mats.—Val., $3; K. I., 35%.
Great Britain, $72. Total..... 72

Elastic Bands for Papers.—Val., $8; K. I., 25%.
United States, $936; Italy, $72; France, $672; Germany, $1,440; Great Britain, $1,136. Total 4,256

Cigarette Holders: Rubber or Caoutchouc.—Val., $10; K. I., 35%.
United States, $540; Great Britain, $550; Germany, $480; France, $150; Italy, $320; Argentine, $10. Total..... 2,050

Rubber Buttons.—Val., $5; K. I., 25%.
Great Britain, $3,675; Germany, $33,925; France, $3,500; Italy, $9,355. Total 50,455

Horse Brushes.—Val., $0.90; K. I., 60%.
United States, $135; France, $18; Germany, $720; Great Britain, $549. Total $1,422

Rubbers.—Val., $4; K. N., 25%.
United States, $8,904; France, $10,744; Germany, $11,980; Great Britain, $5,408. Total..... 37,026

Rubber Hose.—Val., $2; K. G., 25%.
United States, $19,690; Great Britain, $63,324; Germany, $66,010; France, $3,548; Italy, $42. Total..... 152,614

Crayons for Drawing.—Val., $1.60; K. I., 25%.
United States, $8; Germany, $40; France, $64. Total..... 112

Baskets and Cradles of Rattan or Willow.—Val., $1.20; K. G., 60%.
France, $18; Great Britain, $18. Total..... 36

Satchels for Collegiates.—Val., $2; K. G., 60%.
United States, $30; Great Britain, $694; Germany, $3,586; France, $468; Italy, $312. Total..... 5,090

Tooth Brushes.—Val., $2; K. I., 35%.
Germany, $26; France, $88. Total..... 114

Clothes, Hair and Table Brushes.—Val., $3.50; K. I., 60%.
United States, $196; Italy, $105; Great Britain, $798; Germany, $2,471. Total 6,160

Cork in Strips for Hats.—Val., $4; K. I., 25%.
Great Britain, $8; Germany, $44; France, $492. Total..... 544

Corks Not Exceeding 20 Millim.—Val., $2.50; K. G., free.
United States, $825; Great Britain, $45,385; Germany, $14,580; France, $1,095; Belgium, $150; Spain, $49,030. Total..... 111,065

Cork Tablets and Rings.—Val., $1; K. G., 5%.
United States, $2,050; Great Britain, $1,129; Germany, $36,774. Total 39,953

Cork with Pieces of Gilt Metal.—Val., $4; K. I., 35%.
Great Britain, $96; Germany, $140; Italy, $8. Total..... 244

Funeral Wreaths.—Val., $1.00; K. N., 60%.
Germany, $10. Total..... 10

Leather Belting With or Without Pieces of Cloth or Metal for Machinery.—Val., $3; K. G., 5%.
United States, $672; Great Britain, $1,395; Germany, $12,225. Total 14,292

Special Packing for Machinery.—Val., $2; K. G., free.
United States, $330; Great Britain, $7,622; Germany, $502. Total. 8,454

Brooms for Ships.—Val., $2; Doz., 60%.
Germany, $168. Total..... 168

Brooms.—Val., $6 Doz., 60%.
United States, $240; Great Britain, $72; Germany, $48. Total.... 360

Swabs and Turks Heads.—Val., $6; Doz., 60%.
Great Britain, $16,956; Germany, $1,680; France, $48. Total.... 18,684

Whisk Brooms of Vegetable Fibre.—Val., $1.20; K. N., 60%.
Germany, $240. Total $240

Transparent Celluloid Stamps.—Val., $30; K. I., 35%.
Great Britain, $120; Germany, $1,890; France, $120; Italy, $120.
Total 2,250

Empty Celluloid Boxes.—Val., $15; K. I., 35%.
Great Britain, $90; Germany, $2,535; France, $60; Switzerland, $45. Total 2,730

Felt for Boilers.—Val., $2; K. G., free.
Great Britain, $5,100. Total 5,100

Plush for Ships or Covers.—Val., $0.40; K. G., 25%.
United States, $172; France, $3,072; Germany, $1,590; Great Britain, $12,196. Total 17,030

Vegetable Plush Without Wool.—Val., $0.80; K. G., 35%.
United States, $56; Great Britain, $2,892; Germany, $2,812; France, $280; Italy, $124. Total 6,164

Vegetable Plush with Wool.—Val., $1.30; K. G., 35%.
Great Britain, $1,339; Germany, $325; France, $260. Total 1,924

Straw Cases for Bottles.—Val., $0.40; K. G., 35%.
Italy, $360. Total 360

Toy Globes.—Val., $4; K. I., 35%.
Great Britain, $320; Germany, $512; France, $204. Total 1,036

Liquid Gum.—Val., $0.80; K. I., 25%.
United States, $716; Great Britain, $2,568; Germany, $4,520; France, $444. Total 8,248

Rubber for Drawing or Writing.—Val., Var.; K. I., 25%.
United States, $5,796; Great Britain, $4,388; Germany, $13,568; France, $1,484; Italy, $436. Total 25,856

Hairpins, Pins, etc.—Val., $10; K. I., 25%.
United States, $250; Great Britain, $1,130; Germany, $8,440; France, $8,380; Italy, $1,700. Total 19,900

Sealing Wax for Letters.—Val., $2.50; K. I., 25%.
United States, $95; Great Britain, $1,610; Germany, $2,290; France, $2,790. Total 6,785

Sealing Wax for Bottles or Packing.—Val., $0.50; K. I., 25%.
Great Britain, $1,748; Germany, $2,376; France, $303. Total 4,427

Penholders.—Val., $6; K. I., 25%.
United States, $102; Great Britain, $96; France, $54. Total 252

Wafers of Gum or Flour for Sticking.—Val., $2.40; K. I., 25%.
Great Britain, $180; Germany, $72. Total 252

Celluloid Articles.—Val., $5; K. I., 25%.
Great Britain, $2,295; Germany, $1,370; France, $1,940; Italy, $280. Total 5,885

Combs for the Hair.—Val., $7; K. I., 25%.
United States, $707; Great Britain, $11,459; Germany, $44,345; France, $15,785; Italy, $2,891. Total 75,187

Combs to Fasten the Hair.—Val., $10; K. I., 25%. United States, $2,490; Great Britain, $14,300; Germany, $27,950; France, $23,990; Italy, $8,160. Total	$76,890
Soles for Footwear.—Val., $0.80; K. I., 35%. Great Britain, $584; France, $2,932. Total	3,516
Celluloid Collars and Cuffs.—Val., $10; K. I., 25%. Germany, $80. Total	80
Amber Mouthpieces and Holders.—Val., $0.40; G. N., 35%. Great Britain, $56; Germany, $1,276; France, $120. Total	1,452
Life Preservers with or without Cloth.—Val., $4; K. N., 25%. United States, $34,792; Great Britain, $1,268; Germany, $2,948; France, $1,232. Total	40,240
Celluloid Hats.—Val., $6; Doz., 35%. Great Britain, $1,080. Total	1,080
Rubber Tobacco Pouches.—Val., $10; K. I., 35%. United States, $710; Great Britain, $500; Germany, $1,340; France, $30. Total	2,580
Manufactures.—Total	$826,704

5. WOODS.

Curtains Brackets.—Val., $3; K. I., 35%. United States, $31,845; Great Britain, $390; Germany, $3,099; France, $3,420; Italy, $270. Total	$39,024
Cruets or Cruetstands.—Val., Var.; K. I., 25%. United States, $2,970; Great Britain, $183; Germany, $4,499; France, $2,052. Total	9,704
Serviette Rings, Trays, Cases, Etc.—Val., $2; K. I., 25%. United States, $6; Great Britain, $274; Germany, $120. Total	400
Saddle Frames or Trees.—Val., $1.50; K. I., 25%. United States, $1,122; Great Britain, $441; Germany, $4,212; France, $90. Total	5,865
Wooden Articles.—Val., Var.; K. I., 25%. United States, $10,037; Great Britain, $3,181; Germany, $5,763; France, $2,458; Italy, $36; China, $44. Total	21,519
Wooden Articles.—Val. Var.; K. I., 35%. Great Britain, $91; Germany, $714; Italy, $2,441. Total	3,246
Wooden Articles.—Val. Var.; K., 60%. United States, $5,664; Great Britain, $51; Germany, $2,946. Total	8,661
Wooden Folding Dish Mats with Cloth.—Val., $2; K. I., 25%. Great Britain, $58; Germany, $582; France, $64; Japan, $102. Total	806
Buckets, Troughs and Tubs.—Val. Var.; K. G., 35%. United States, $4,494; Great Britain, $14; Germany, $70. Total	4,578
Trays.—Val., $2; K. I., 25%. Great Britain, $104; Germany, $176. Total	280

Barrels and Casks.—Val. Var.; K. G., 25%.
United States, $187; Argentine, $1,470. Total..... $1,657

Canes.—Val. Var., 60%.
Great Britain, $1,353; Germany, $4,599; France, $1,416; Italy, $1,092; Spain, $69. Total..... 8,529

Canes.—Val., $8; Each, 60%.
Great Britain, $816; Germany, $864; France, $192; Italy, $240. Total 2,112

Canes Metal Mounted.—Val. Var.; Each, 60%.
Great Britain, $538; Germany, $1,068; France, $6. Total..... 1,612

Sticks for Sunshades and Umbrellas.—Val., $0.80; K. N., 15%.
France, $128; Italy, $12. Total..... 140

Trunks and Valises.—Val. Var.; K. N., 35%.
United States, $19; Italy, $33; Great Britain, $342; Germany, $504; France, $305. Total..... 1,203

Cigarette Holders.—Val., $10; K. N., 35%.
Germany, $1,180; France, $370; Italy, $30. Total..... 1,580

Buttons for Clothing.—Val., $5; K. I., 25%.
Great Britain, $810; Germany, $2,200. Total..... 3,010

Buttons for Electric Bells.—Val., $6.50; K. I., 25%.
United States, $5,759; Great Britain, $286; Germany, $4,095. Total 10,140

Medicine Cases.—Val. Var.; K. G., 25%.
United States, $11,841; Great Britain, $912; Germany, $5,846; France, $1,069. Total..... 19,668

Guayaquil Cane (bamboo).—Val., Each, 35%.
Ecuador, $37,615. Total..... 37,615

White Wood Cases for Printing Types.—Val., $0.45; K. G., 25%.
United States, $4,347; Great Britain, $405; Germany, $63; France, $81. Total..... 4,896

White Wood Liquor Stands.—Val, $0.10; K. G., 60%.
Great Britain, $49. Total..... 49

Veneering for Furniture.—Val., $1; K. G., 5%.
Great Britain, $1,722; Germany, $7,439; France, $5,611. Total.. 14,772

Beds for Castors.—Val., $0.30; K. G., 25%.
United States, $426; France, $90. Total..... 516

Toilet Powder Boxes.—Val., $2.50; K. I., 35%.
United States, $1,405; Great Britain, $700; Germany, $550; France, $665; Peru, $75; Japan, $505. Total..... 3,900

Chinese Boxes.—Val., 2.50; K. I., 25%.
Germany, $25; China, $60. Total..... 85

Boxes for Tea, Cigars, Cloaks, Etc.—Val. $2; K. I., 25%.
Great Britain, $100. Total..... 100

Painters' Easels.—Val., $1; K. I., 15%.
Germany, $7; France, $19. Total..... 26

Cornice Poles.—Val., $2; K. I., 35%.
Great Britain, $68. Total..... $68

Cross Pieces for Telegraph Poles.—Val., $0.28; K. G., free.
United States, $130. Total..... 130

Blocks or Pulleys.—Val., $0.55; K. G., free
United States, $847; Great Britain, $484; Germany, $473. Total. 1,804

Wooden Spoons and Ladles.—Val., $3; K. I., 25%.
United States, $24; Great Britain, $54; Germany, $102; France, $21. Total..... 201

Staves, Unworked.—Val., $0.15; K. G., free.
United States, $148,641; Germany, $8,595. Total..... 157,236

Pegs for Footware.—Val., $0.20; K. G., 25%.
United States, $28,158; Great Britain, $2,267; France, $1,446. Total 31,871

Ladders.—Val., $0.45; K. G., 25%.
United States, $1,611; Great Britain, $36; Germany, $72. Total. 1,719

Boxes for Jewelry and Plate.—Val. Var.; K. I., 35%.
United States, $72; Great Britain, $128; Germany, $82; Argentine, $240. Total..... 522

Cases for Mouthpieces and Eyeglasses.—Val. Var.; K. I., 25%.
Great Britain, $42; Germany, $168. Total..... 210

Foot Boards Carved or Not.—Val. Var.; K. I., 25%.
United States, $117. Total..... 117

Curtain Poles With or Without Rings.—Val., $1; K. G., 35%.
Great Britain, $213; Germany, $294. Total..... 507

Keys for Barrels and Casks.—Val. Var.; K. G., 25%.
United States, $204; Great Britain, $103; Germany, $3,884; France, $134; Italy, $18. Total..... 4,341

Poles and Rods for Vehicles.—Val., $0.40; K. G., 25%.
United States, $312; Germany, $290. Total..... 602

Toothpicks.—Val., $0.60; K. I., 25%.
United States, $33; Germany, $9; Spain, $18. Total..... 60

Laths for Plants.—Val., $0.20; K. G., 25%.
United States, $3,760; Germany, $42. Total..... 3,802

Boards for Joinery.—Val., $0.04; K. G., 25%.
United States, $2,619. Total..... 2,619

Pine Wood for Construction Planed and in Tenons.—Val., $0.80; C. M. 60%.
United States, $60,672; Great Britain, $7,712. Total..... 68,384

Ash and Poplar Woods for Construction Planed.—Val., $1.20; C. M., 60%.

Unplaned Ash and Poplar Woods.—Val., $1; C. M., 35%.
United States, $15,746; Great Britain, $832; Germany, $1,010. Total 17,588

Unplaned Pine Wood.—Val., $0.60; C. M., 25%.
United States, $1,973,948; Great Britain, $90,933. Total..... $2,064,881

Wood for Pegs.—Val., $0.20; K. G., 25%.
Germany, $52. Total..... 52

Wood for Cabinet Makers, Unworked.—C. DM., free.
United States, $32,462; Great Britain, $164; Germany, $3,080; France, $36. Total..... 35,742

Cedar Wood, Unworked.—Val., C. DM., free.
United States, $6,294. Total..... 6,294

Tool Handles.—Val. Var.; K. G., 60%.
United States, $13,868; Great Britain, $3,703; Germany, $2,782; France, $10; Belgium, $167; Italy, $23. Total..... 20,553

Broom Handles.—Val., $0.40; K. G., 60%.
Great Britain, $20. Total..... 20

Manikins.—Val. Var.; K. I., 25%.
Great Britain, $165; Germany, $328; France, $1,955. Total.... 2,448

Handles for Feather Dusters, Pens, Etc.—Val. Var.; K. I., 25%.
United States, $1,852; Great Britain, $222; Germany, $2,706; France, $924; Italy, $693; China, $12. Total..... 5,610

Frames and Stands for Table Decoration.—Val. Var.; K. G., 35%.
Germany, $631. Total..... 631

Frames.—Val. Var.; K. G., 60%.
Great Britain, $284; Germany, $796; France, $30; Italy, $210; Spain, $168. Total..... 1,488

Hubs for Wheels.—Val., $0.30; K. G., 60%.
Germany, $297. Total..... 297

Gilded, Plated and Varnished Mouldings.—Val., $0.50; K. G., 60%.
United States, $3,856; Great Britain, $2,471; Germany, $37,032; France, $1,259; Italy, $5,130. Total..... 49,248

Coffee Mills.—Val., $0.55; K. G., 25%.
United States, $748; Germany, $1,375; France, $77. Total..... 2,200

Common Wood Furniture.—Val., $0.60; K. G., 60%.
United States, $24,498; Great Britain, $4,545; Germany, $14,493; France, $3,768; Italy, $516; Peru, $264; Panama, $156; China, $102. Total..... 48,342

Fine Wood Furniture.—Val., $1.40; K. G., 60%.
United States, $5,516; Great Britain, $15,533; Germany, $12,173; France, $12,341; Italy, $5,649. Total..... 51,212

Furniture, Inlaid Nacre and Gilt.—Val., $2; K. G., 60%.
United States, $224; Great Britain, $4,000; Germany, $978; France, $8,396; Peru, $68. Total..... 13,666

Furniture, Carved and Lacquered.—Val., at sight; K. G., 60%.
United States, $767; Great Britain, $3,572; Germany, $3,546; France, $10,036; Italy, $14,606. Total..... 32,527

Palettes for Painters.—Val., $2; K. I., free.
Germany, $6; France, $32. Total..... 38

Parquet or Mosaic Flooring.—Val., $0.80; K. G., 35%.
United States, $20,436; Great Britain, $2,968; Germany, $1,020; France, $1,340; Switzerland, $10,744. Total..... $36,508

Combs.—Val., $3.50; K. I., 25%.
Great Britain, $4,536; France, $4,893; Germany, $2,534; China, $70. Total 12,033

White Wood and Ebony Racks.—Val. Var.; K. G., 60%.
United States, $15; Great Britain, $24; Germany, $546; France, $6. Total 591

Pipes and Reeds.—Val., $5; K. I., 35%.
Great Britain, $1,005; Germany, $490; France, $5; Italy, $260. Total 1,760

Blinds and Venetians.—Val., $0.80; K. G., 35%.
United States, $748; Great Britain, $1,396; Germany, $2,448. Total. 4,592

Unworked Wheelspokes.—Val., $0.20; K. G., 25%.
United States, $11,452; Great Britain, $92; Germany, $364; France, $22. Total 11,933

Refrigerators.—Val., $0.50; K. G., 60%.
United States, $2,138; Great Britain, $27; Germany, $257; France, $69. Total 2,491

Wooden Rulers.—Val., $2.50; K. I., 25%.
United States, $15; Great Britain, $470; Germany, $175; France, $15; Italy, $170. Total 845

Oars.—Val., $2.40; each, 15%.
United States, $20,088; Great Britain, $698; Germany, $864; Italy, $144. Total 21,792

Rollers and Casters for Furniture.—Val., $1.40; K. I., 25%.
United States, $196; Great Britain, $2,023; Germany, $1,050; France, $231. Total..... 3,500

Wheels for Vehicles.—Val., $0.30; K. G., 60%.
Great Britain, $462. Total..... 462

Chairs, Sofas and Settees, with Wooden Seats.—Val., $0.30; K. G., 60%.
United States, $10,266; Great Britain, $579; Germany, $6,936; France, $228; Peru, $321. Total..... 18,321

Chairs, Sofas, Settees, with Rush, Pasteboard or Shag Seats.—Val., $0.60; K. G., 60%.
United States, $34,242; Great Britain, $6,105; Germany, $81,531; France, $726; Italy, $300; China, $264. Total..... 123,168

Chairs, Sofas, Settees, Upholstered in Leather or Imitation.—Val., $1.75; K. G., 60%.
United States, $2,548; Great Britain, $12,908; Germany, $7,469; France, $8,960; Italy, $2,569; Spain, $1,715. Total..... 36,169

Chairs, Sofas, Settees, Upholstered in White Without Outer Covering.—Val., $1.40; K. G., 60%.
United States, $7,301; Great Britain, $1,715; Germany, $3,339; France, $350; Italy, $616. Total..... 13,321

Wooden Hats.—Val., $4; Doz., 35%.
Germany, $48; Italy, $300. Total..... $348

White Wood Boards for Making Chests, etc.—Val., $0.12; K. G., 25%.
United States, $12; France, $165. Total 177

Small Boards for Frame Backs.—Val., $0.20; 25%.
United States, $925; Germany, $144; Spain, $16. Total..... 1,085

Heels for Footwear.—Val., $1.40; K. I., 25%.
Germany, $70; France, $42. Total..... 112

Heels for Footwear, Leather or Silk Covered.—Val., $3; K. I., 35%.
United States,,$648; Great Britain, $432; France, $786. Total.. 1,866

Boards for Making Small Cigar Boxes.—Val., $0.60; K. G., 25%.
Germany, $270. Total..... 270

Wood Drawers for Furniture.—Val. Var.; K. I., 25%.
United States, $123; Great Britain, $75; Germany, $436; France, $28. Total 662

Woods.—Total $3,125,695

6. TOBACCOS.

The cultivation of tobacco is free in Chile. It is an important industry; there are important factories in the hands of anonymous societies at Santiago, Valparaiso, Talca, Concepcion, etc. The cultivation of tobacco is conducted on a very large scale, the climate lends itself to it, and, with the plant carefully prepared, a superior product should surely be obtained. We consider that families of European farmers with knowledge of the cultivation of tobacco could make their fortunes in Chile.

Cigarettes.—Val., $3.50; K. I., Spc., $9.
Great Britain, $11,578; Germany, $8,358; France, $14.252; Cuba, $21,588; Italy, $644; Argentina, $182; Brazil, $1,918; Bolivia, $4,644; Panama, $2,716. Total..... $65,880

Cigars.—Val., $5; K. N., Spc., $6.
Great Britain, $3,305; Germany, $20,955; France, $3,360; Belgium, $655; Italy, $29,635; Spain, $45; China, $90; Peru, $100; Brazil, $80; Cuba, $115,155; Argentina, $65; Panama, $81,185. Total 254,630

Snuff.—Val., $4; K. N., Spc., $5.
Great Britain, $396; Germany, $1,632; France, $5,676. Total.... 7,704

Tobacco in Leaf.—Val., $2; K. N., Spc., $2.60.
United States, $1,148; Cuba, $46,070; Great Britain, $60; Germany, $9,194; France, $1,838; Italy, $352; Spain, $610; Argentina, $218; Panama, $2,666; Brazil, $324. Total..... 62,480

Cut Tobacco.—Val., $2.50; K. N., Spc., $4.
United States, $95; Cuba, $6,350; Great Britain, $7,870; Germany,

$765; France, $1,350; Austria, $285; China, $388; Argentina, $550; Bolivia, $28,920. Total 51,945

Total, Tobaccos $438,639

II. VEGETABLE PRODUCTS.

1.	Fruits, Grains, Vegetables and Herbs.....	$5,974,306
2.	Alimentary Products.....	6,764,360
3.	Manufactured Products	1,318,571
4.	Manufactures	826,704
5.	Woods	3,126,627
6.	Tobaccos	438,639
	Total	$18,449,207

III.

MINERAL PRODUCTS.

I.	Sterling Metal	$3,179,154
II.	Iron and Steel.....	23,392,425
III.	Other Metals	3,483,962
IV.	Stone and Earthenware.....	6,495,220

1. STERLING METALS AND JEWELRY.

Gold Jewels and Trinkets.—Val., $1.80; Grms. N., 5%.
United States, $12,537; Great Britain, $21,483; Germany, $68,841; France, $39,060; Switzerland, $32,139. Total..... $174,060

Silver Jewelry and Trinkets.—Val., $0.15; Grms. N., 5%.
United States, $240; Great Britain, $8,895; Germany, $20,757; France, $19,701; Italy, $198; Switzerland, $9,099; Argentina, $6. Total 68,896

Jewels and Trinkets Set with Brilliants, Rubies and Pearls.—Val at sight, 5%.
United States, $4,378; Great Britain, $42,200; Germany, $112,258; France, $104,068; Italy, $200; Switzerland, $118,916; Ecuador, $300. Total 382,320

Gold, Silver or Platinum Amalgam.—Val., $0.16; Grms. N., 25%.
United States, $1,904; Germany, $4; France, $160; Panama, $288. Total 2,356

Gold and Silver Twist Fringe Thread or Embroideries.—Val., $0.15; Grms. N., 15%.
Great Britain, $180; Germany, $6,594; France, $6. Total..... 6,780

Silver Thread Straps.—Val., $80; Par., 5%.
France, $1,840. Total 1,840

Gold and Silver Leaf Books.—Val., $0.16; Grms. N., 15%.
Great Britain, $312; Germany, $552; France, $632. Total..... 1,496

Coins.—Free. Great Britain, $827,800; France, $30. Total	$827,830
Dental Laminated Gold.—Val., $2; Grms. N., 15%. United States, $3,342; Panama, $3,360; Germany, $1,358; Great Britain, $420. Total	8,480
Gold in Useless Pieces.—Val., $1.50; Grms., 35%. Great Britain, $450. Total	450
Gold Plated Passementerie.—Val., $0.10; Grms. N., 35%. Great Britain, $306; Germany, $74; France, $2,834. Total	3,214
Pearls.—Val. $50; Grms., 5%. Germany, $166,400; France, $53,300; Switzerland, $677,200. Total.	896,900
Precious Stones—Diamonds, Rubies, Emeralds and Sapphires.—Val., $50; Grms. N., 5%. France, $192,650; Great Britain, $2,850; Germany, $425,850; Switzerland, $3,250. Total	624,600
Precious Stones—Amethysts, Opals, Topazes, Garnets.—Val., $6; Grms. N., 5%. Germany, $24; France, $258. Total	282
Wrought Silver.—Val., $0.07; Grms. N., 35%. United States, $658; Great Britain, $11,585; Germany, $4,858; France, $9,219; Italy, $133; Switzerland, $385; Argentina, $819. Total	27,657
Old Plate and Bullion.—Val., $0.05; Grms. N., free. Great Britain, $152; Germany, $200. Total	352
Platinum in Sheets.—Val., $1; Grms. N., 25%. United States, $615; Great Britain, $148. Total	763
Wrought Platinum.—Val., $1.50; Grms. N., 25%. Italy, $9. Total	9
Gold Writing Pens.—Val., $2; Grms. N., 5%. United States, $270; Germany, $112. Total	382
Gold Watches.—Val. Var.; each, 15%. United States, $2,775; Great Britain, $10,538; Germany, $16,290; France, $42,935; Switzerland, $18,775. Total	91,313
Silver Watches.—Val., $9; each, 15%. United States, $13,752; Great Britain, $10,494; Germany, $4,572; France, $28,962; Switzerland, $11,394. Total	69,174
Total, sterling metals and jewelry	$3,179,154

2. IRON AND STEEL.

Perforated Sheet Steel for Machinery.—Val., $0.60; K. G., free. Great Britain, $23,394; Germany, $984; France, $216. Total	$24,594
Steels and Whalebones.—Val., $2; K. I., 5%. Great Britain, $1,650; Germany ,$15,656; France, $5,312; Italy, $186. Total	23,004

Silk Covered Steels and Whalebones.—Val., $4; K. I., 5%.
Great Britain, $14,080; Germany, $6,016; France, $5,836. Total.. $25,932

Covered Wires for Milliners and Electricity.—Val., $3; K. I., free.
United States, $10,797; Great Britain, $17,169; Germany, $47,115; France, $4,983; Italy, $189. Total..... 80,253

Wire, Flat, Round or Square, Barbed or Plain.—Val., $0.60; K. G., free.
United States, $486,076; Great Britain, $200,297; Germany, $967,630; France, $2,527; Belgium, $104,199; Italy, $11. Total..... 1,760,740

Latches and Staples.—Val., $0.55; K. G., 25%.
United States, $1,617; Great Britain, $319; Germany, $2,970; France, $836; Belgium, $22. Total..... 5,764

Nickel Plated Iron Knockers.—Val., $0.80; K. G., 25%.
United States, $116; Great Britain, $32; Germany, $104; France, $86. Total 288

Iron and Steel Letters and Numbers.—Val., $2; K. I., 25%.
United States, $42; Great Britain, $14; Germany, $488; France, $86. Total 630

Common Pins or Hairpins.—Val., $2; K. I., 25%.
United States, $80; Great Britain, $5,538; Italy, $46; Germany, $21,206; France, $2,796. Total..... 29,666

Gilt or Plated Pins or Hairpins.—Val., $8; K. I., 35%.
Great Britain, $16; Germany, $16; France, $32. Total..... 64

Tin Casters.—Val., $1; K. G., 5%.
United States, $466; Great Britain, $2,100; Germany, $1,491; France, $197; Spain, $16. Total..... 4,270

Lanterns, Coffee Pots, Spirit Stands and Other Non-specified Articles.
Val., $1; K. G., 60%.
United States, $443; Great Britain, $1,551; Germany, $10,552; France, $1,123. Total 13,669

Galvanized and Beaten Iron Stoves.—Val., $0.55; 15%.
Great Britain, $121; Germany, $341. Total, $462.

Stoves with Small Bronze Parts.—Val., $0.55; K. G., 25%.
United States, $11; Great Britain, $3,113; Germany, $9,339; France, $528. Total..... 12,991

Stoves or Heaters, Nickel Plated.—Val., $0.80; K. G., 25%.
United States, $24; Great Britain, $16; Germany, $624; France, $12. Total 676

Table Cruet Stands.—Val. Var.; K. I., 25%.
United States, $9; Great Britain, $15; Germany, $45. Total..... 69

Apparata for Arranging Postal Cards.—Val. Var.; each, 25%.
Great Britain, $360; Germany, $25. Total..... 385

Iron Rings.—Val., $0.55; K. G., 25%.
United States, $66; Great Britain, $1,705; Germany, $1,870; France, $495; Belgium, $110. Total..... 4,246

Iron Rings, Nickel Plated.—Val., $0.80; K. G., 25%.
United States, $8; Great Britain, $1,928; Germany, $1,480; France, $120. Total..... $3,536

Rings, Chains, Keys, Bronzed or Nickel Plated.—Val., $5; K. I., 25%.
United States, $410; Great Britain, $1,560; Germany, $1,565; France, $2,015. Total 5,550

Rings, Chains or Keys, Gilt or Plated.—Val., $5; K. I., 35%.
Great Britain, $15; Germany, $545; France, $1,345. Total..... 1,905

Springs.—Val., $0.12; K. G., free.
United States, $13,686; Great Britain, $34,260; Germany, $268,065; France, $1,692; Belgium, $30,408. Total..... 348,111

Wire Articles.—Val. Var.; K. I., 25%.
United States, $1,647; Great Britain, $499; Germany, $4,241; France, $123. Total..... 6,510

Tin Articles.—Val. Var.; K. G., 60%.
United States, $2,422; Great Britain, $1,011; Germany, $7,713; France, $1,826. Total..... 12,972

Tin Articles, Nickel Plated.—Val. Var.; K. G., 60%.
Great Britain, $546; Germany, $337; France, $53. Total..... 936

Articles for Domestic Use.—Val. Var.; K. G., 15%.
United States, $20,766; Great Britain, $31,240; Germany, $85,204; France, $9,147; Belgium, $602; Uruguay, $730. Total..... 147,689

Articles for Domestic Use.—Val. Var.; K. C., 25%.
United States, $12,153; Great Britain, $29,287; Germany, $346,267; France, $26,622; Belgium, $713; Italy, $305. Total.. 415,347

Iron Articles Not Specified.—Val. Var.; K. G., 25%.
United States, $17,695; Great Britain, $112,118; Germany, $292,317; France, $94,217. Total..... 524,278

Iron Articles Not Specified.—Val. Var.; K. G., 60%.
United States, $827; Great Britain, $55; Germany, $1,863; France, $11. Total..... 2,756

Iron Articles, Nickel Plated, Not Specified.—Val. Var.; K. G., 25%.
United States, $9,113; Great Britain, $1,002; Germany, $9,113; France, $643; Italy, $16. Total..... 15,370

Iron Articles, Gilt or Plated.—Val. Var.; K. G., 35%.
Great Britain, $87; Germany, $498; France, $32. Total..... 617

Handles for Trunks, Gates or Doors.—Val., $0.55; K. G., 25%.
United States, $1,639; Great Britain, $1,496; Germany, $2,827; France, $1,023. Total..... 6,985

Handles for Trunks, Gates or Doors, Nickel Plated.—Val., $0.80; K. G., 25%.
Great Britain, $80; Germany, $768; France, $4. Total..... 852

Fixtures or Clamps for Wire Fencing.—Val., $0.25; K. G., free.
United States, $11,713; Great Britain, $1,025; Germany, $46,869; France, $1,450; Belgium, $5,907. Total..... 66,964

Fixtures for Bell Wires.—Val. Var.; K. G., 25%.
United States, $2,576; Great Britain, $259; Germany, $2,024; France, $147. Total..... $5,000

Coffins.—Val., $0.65; K. G., 60%.
United States, $3,055; Great Britain, $13; Germany, $78. Total. 3,146

Tin Business and Commercial Signs.—Val., $1; K. I., 60%.
United States, $207; Great Britain, $983; Germany, $894; France, $304; Italy, $365; Spain, $70. Total..... 2,823

Iron Business and Commercial Signs.—Val., $0.60; K. G., 25%.
United States, $141; Great Britain, $3,180; Germany, $93; France, $165; Italy, $12. Total..... 3,591

Buckets, Galvanized or Tinned.—Val., $0.30; K. G., 15%.
United States, $660; Great Britain, $46,263; Germany, $4,626; France, $1,380; Uruguay, $462. Total..... 53,391

Japanned Trays.—Val. Var.; K. G., 25%.
United States, $67; Great Britain, $7,241; Germany, $2,106; France, $278. Total..... 9,629

Shower Baths.—Val., $1.60; K. G., 35%.
United States, $448; Great Britain, $5,616; Germany, $416. Total. 6,480

Baths or Footpans of Beaten Iron.—Val., $1; K. G., 35%.
United States, $660; Great Britain, $320; Germany, $253; France, $52; Spain, $16. Total..... 1,301

Galvanized Iron Baths and Footpans.—Val., $0.25; K. G., 35%.
United States, $682; Great Britain, $4,098. Total..... 4,780

Iron Baths and Footpans with Porcelain.—Val., $0.40; K. G., 35%.
United States, $16,536; Great Britain, $6,722; Germany, $10,102; France, $156. Total..... 33,516

Beaters, Colanders, Trays, Etc., Gilt or Plated.—Val., $3; K. I., 35%.
Germany, $3,732; France, $33. Total..... 3,765

Beaters, Colanders, Trays, Etc., Galvanized.—Val. Var.; K. I., 25%.
United States, $450; Great Britain, $18; Germany, $1,441; France, $1.50. Total..... 2,059

Trunks and Valises of Beaten Iron.—Val., $1; K. G., 35%.
Great Britain, $314. Total..... 314

Boat Hooks, Row Locks, Tholes, Knee-Pins, Etc.—Val., $0.55; K. G., 15%.
Great Britain, $506; Germany, $1,012; France, $99. Total..... 1,617

Hinges.—Val., $0.55; K. G., 25%.
United States, $39,336; Great Britain, $3,520; Germany, $33,286; France, $286. Total..... 76,428

Iron Hinges, Nickel Plated.—Val., $0.80; K. G., 25%.
United States, $340; Great Britain, $352; Germany, $696; France, $224. Total..... 1,612

Iron Bits.—Val., $2; K. I., 25%.
United States, $146; Germany, $88; France, $12. Total..... 246

Steel Bogies for Railways.—Val., $0.40; K. G., 25%.
United States, $104; Great Britain, $17,220; Germany, $1,008.
Total $18,332

Collar and Shirt Buttons, Etc.—Val., $3; K. I., 25%.
Great Britain, $2,130; Germany, $8,901; France, $1,047; Belgium, $240; Italy, $957. Total..... 13,275

Buttons for Footwear, Clothing, Etc.—Val., $2.40; K. I., 25%.
United States, $24; Great Britain, $3,660; Germany, $19,380; France, $3,180; Italy, $3,720. Total..... 29,964

Braziers or Caldrons.—Val. Var.; K. G., 15%.
United States, $448; Great Britain, $13,383; Germany, $10,800; France, $1,108; Belgium, $714. Total..... 26,453

Hooks and Eyes.—Val. $2; K. I., 25%.
United States, $8; Great Britain, $2,504; Germany, $5,256; France, $1,872; Belgium, $426; Italy, $34; Spain, $268. Total.. 10,368

Gutters, Cornices, Receivers, Etc.—Val. Var.; K. G., 25%.
Great Britain, $5,738; Germany, $546; Belgium, $379. Total.... 6,663

Wire Cables and Tackle.—Val., $0.80; K. G., free.
United States, $99,368; Great Britain, $183,792; Germany, $151,076; France, $2,504; Belgium, $1,076. Total..... 437,816

Chains for Lamps and Fastenings, Swings, Etc.—Val., $0.55; K. G., 15%.
United States, $330; Great Britain, $594; Germany, $4,576; France, $330. Total..... 7,535

Iron Chains, Nickel Plated.—Val., $0.80; K. G., 25%.
Great Britain, $72; Germany, $28; France, $24. Total..... 124

Chains for Carts and Ploughs.—Val., $0.25; K. G., 15%.
Great Britain, $19,669; Germany, $4,529; France, $440; Belgium, $1,804. Total..... 26,442

Chains, With Links, Exceeding $0 Millim.—Val., $0.16; K. G., free.
United States, $992; Great Britain, $54,576; Germany, $3,032; France, $600. Total..... 59,200

Watch Chains.—Val., $5; K. I., 25%.
Great Britain, $230; Germany, $590; France, $30. Total..... 850

Watch Chains, Gilt or Plated.—Val., $5; K. I., 35%.
United States, $5; Germany, $45. Total..... 50

Cash Boxes.—Val. Var.; K. G., 35%.
United States, $4,443; Great Britain, $63,111; Germany, $48,958; France, $7,270. Total..... 123,782

Heaters for Baths.—Val., $0.55; K. G., 25%.
United States, $66; Great Britain, $550; Germany, $451. Total.. 1,067

Switches.—Val., $0.12; K. G., 5%.
United States, $450; Great Britain, $40,863; Germany, $28,371; Belgium, $38,334. Total..... 108,018

Bells.—Val., $0.40; K. G., 25%.
United States, $1,338; Great Britain, $334; Germany, $36. Total. 1,708

Padlocks.—Val. Var.; K. I., 25%.
United States, $7,164; Great Britain, $11,608; Germany, $22,764; France, $1,573; Belgium, $1,112. Total..... $44,221

Galvanized Iron Clamps and Pipes.—Val., $0.15; K. G., 5%.
United States, $117; Great Britain, $1,993,812; Germany, $200,685; France, $5,547; Belgium, $59,265. Total..... 2,259,426

Tubes, Pipes, Elbows, Etc.—Val., $0.25; K. G., 5%.
United States, $73,745; Great Britain, $632,382; Germany, $369,938; France, $1,672; Belgium, $23,062; Spain, $1,825. Total. 1,102,624

Tubes, Pipes, Etc., Galvanized and Soldered.—Val., $0.30; K. G., 5%.
United States, $34,785; Great Britain, $213,255; Germany, $87,810; France, $504; Belgium, $18,465. Total..... 354,819

Clamps, Pipes, Etc., for Chimneys and ranges.—Val., $0.50; K. G., 25%.
United States, $33; Great Britain, $52,445; France, $32. Total. 52,510

Clamps, Pipes, Etc., for Ladders and Staircases, Bedsteads, Etc.—Val., $0.80; K. I., 25%.
Great Britain, $1,760; Germany, $12; France, $16. Total..... 1,788

Iron Cots.—Val., $0.30; K. G., 25%.
United States, $2,082; Great Britain, $154,302; Germany, $7,824; France, $504. Total..... 164,712

Cots, With or Without Brass.—Val. Var.; K. G., 25%.
Great Britain, $5,906. Total..... 5,906

Window Lattices, Blinds, Etc.—Val., $1; K. G., 35%.
Great Britain, $1,331. Total..... 1,331

Locks and Keys.—Val. Var.; K. I., 25%.
United States, $18,052; Great Britain, $21,484; Germany, $69,701; France, $27,530; Belgium, $1,463. Total..... 138,230

Wire Nails.—Val., $0.24; K. G., 25%.
United States, $65,682; Great Britain, $18,162; Germany, $133,350; France, $4,836; Belgium, $9,120. Total..... 231,150

Wire Nails, Not Exceeding 25 Millim.—Val., $0.60; K. G., 25%.
United States, $5,139; Great Britain, $969; Germany, $4,869; France, $873; Spain, $3. Total..... 11,853

Nails and Tacks for Footware.—Val., $0.40; K. G., 25%.
United States, $16,978; Great Britain, $2,466; Germany, $7,192; France, $3,062; Spain, $4. Total..... 29,702

Iron Nails for Footwear Less than 15 Millim.—Val., $0.75; K. G., 25%.
United States, $1,476; Great Britain, $42; Germany, $3,537; France, $4,200. Total..... 9,255

Iron and Steel Nails Over 25 Millim.—Val., $0.14; K. G., 25%.
United States, $375,256; Great Britain, $17,696; Germany, $69,244; France, $798; Belgium, $20,573. Total..... 483,567

Iron and Steel Nails with Heads in Other Metal.—Val., $0.80; K. G., 25%.
United States, $56; Great Britain, $480; Germany, $2,260; France, $608. Total 3,404

Special Nails for Rails.—Val. Var.; K. G., free.
United States, $83; Great Britain, $82,344; Germany, $36,666; Belgium, $13,161. Total..... $132,254

Scuppers or Rivets.—Val., $0.40; K. G., free.
United States, $1,520; Great Britain, $196,858; Germany, $72,548; France, $702; Belgium, $7,754; Brazil, $612. Total..... 279,994

Nails for Horseshoes.—Val., $0.40; K. G., 25%.
United States, $320; Great Britain, $2,572; Germany, $29,732; France, $720; Belgium, $3,196. Total..... 36,540

Cooking Stoves.—Val. Var.; K. G., 25%.
United States, $42,015; Great Britain, $13,263; Germany, $30,882; France, $4,824; Belgium, $315; Switzerland, $120. Total..... 91,419

Portable Stoves.—Val. Var.; K. G., 25%.
United States, $612; Great Britain, $800; Germany, $43,729; France, $274. Total..... 45,415

Spring Mattresses.—Val., $0.50; K. G., 60%.
United States, $394; Great Britain, $2,893; Germany, $128; France, $408; Spain, $20. Total..... 3,843

Closets, Urinals, and Their Parts.—Val. Var.; K. G., 25%.
United States, $5,578; Great Britain, $4,304; Germany, $400; France, $781. Total..... 11,063

Penknives.—Val. Var.; Doz., 35%.
United States, $264; Great Britain, $14,604; Germany, $17,812; France, $4,660; Italy, $65; Belgium, $129; Sweden, $36. Total.. 37,570

Pulleys and Tackle.—Val., $0.30; K. G., free.
United States, $156; Great Britain, $2,193; Germany, $993. Total. 3,342

Spoons and Ladles.—Val., $0.55; K. G., 15%.
United States, $572; Great Britain, $11; Germany, $5,467; France, $5,005. Total 11,055

Spoons and Ladles, Nickel Plated.—Val., $0.80; K. G., 25%.
United States, $252; Germany, $96. Total..... 348

Knives for Kitchen Use.—Val. Var.; K., 25%.
United States, $288; Great Britain, $381; Germany, $1,916; France, $1,140; China, $6. Total 3,731

Knives and Forks.—Val. Var.: K. I., 25%.
United States, $4,984; Great Britain, $40,980; Germany, $20,348; France, $5,201; Italy, $22; Spain, $748; Sweden, $44. Total.... 72,327

Knives With Ivory Handles.—Val. Var.; K. I., 35%.
United States, $90; Great Britain, $3,770; Germany, $626. Total. 4,486

Plated Knives.—Val., $6; K. I., 35%.
United States, $144; Great Britain, $120; Germany, $90. Total.. 354

Tin Openers.—Val., $120; K. I., 25%.
United States, $372; Great Britain, $630; Germany, $216; France, $36. Total 1,254

Watch Chains.—Val. Var.; K. I., 25%.
United States, $290; Great Britain, $20; Germany, $320; France, $120. Total 750

Ranges and Stoves.—Val. Var.; K. G., 25%. United States, $5,067; Germany, $1,044; France, $273. Total....	$6,384
Steel Bed Springs.—Val., $4; K. I., 25%. Great Britain, $400; Germany, $1,024; France, $188; Italy, $20. Total	1,632
Kitchen Cases, etc.—Val., $0.30; K. G., 25%. United States, $777; Great Britain, $1,065; Germany, $1,548; France, $159; Belgium, $1,656. Total	5,205
Kitchen Cases, etc., Enamelled.—Val., $0.55; K. G., 25%. United States, $4,455; Great Britain, $1,001; Germany, $550; France, $165. Total	6,171
Cases and Depositories for Kitchens.—Val., $0.55; K. G., 25%. United States, $1,694; Great Britain, $6,853; Germany, $473. Total	9,020
Deviations.—Val., $0.12; K. G., 5%. Germany, $3,030. Total	3,030
Zinc Douches and Irrigators.—Val., $4; K. I., 35%. Germany, $48. Total.....	48
Tin Douches and Irrigators.—Val., $4; K. I., 60%. Great Britain, $72; Germany, $380; France, $1,173. Total.....	1,624
Iron Douches and Irrigators.—Val., $4; K. I., 25%. United States, $100; Great Britain, $292; Germany, $8,950; France, $2,224. Total	11,596
Sleepers, Couplings and Small Plates.—Val., $0.12; K. G., free. United States, $8,280; Great Britain, $112,392; Germany, $21,390; France, $78; Belgium, $54,501. Total.....	196,641
Axles.—Val., $0.40; K. G., free. United States, $43,136; Great Britain, $37,218; Germany, $13,316. Total	121,766
Axles for Vehicles.—Val. Var.; K. G., 15%. United States, $464; Great Britain, $3,252; France, $8,297. Total.	12,728
Packings for Sulphuric Acid.—Val., $0.05; K. G., 25%. Germany, $5,355. Total	5,355
Spatulas with Wooden or Bone Handles.—Val., $4; K. I., 25%. United States, $32; Great Britain, $60; Germany, $252; France, $80. Total.....	424
Spurs, Plated.—Val., $3; K. I., 35%. Germany, $54. Total	54
Spurs.—Val., $2; K. I., 25%. Great Britain, $300; Germany, $208. Total.....	508
Spurs, Nickel Plated.—Val. Var.; K. I., 25%. Great Britain, $3,259; Germany, $2,468; France, $358. Total....	6,085
Iron Reservoirs for Water.—Val. Var.; K. G., 25%. Great Britain, $192,942; Germany, $242. Total.....	193,184

Stands for Bottles, etc.—Val., $0.55; K. G., 60%.
United States, $110; Great Britain, $198; Germany, $118. Total.. $418

Statues, Figures, Effigies, and Busts.—Val., $0.55; K. G., 35%.
Great Britain, $462; Germany, $946; France, $1,144; Italy, $319.
Total 2,871

Stirrups, With or Without Springs.—Val. Var.; K. I., 25%.
Great Britain, $1,154; Germany, $503; France, $114. Total..... 1,801

Iron Boilers and Heaters.—Val. Var.; K. G., 25%.
Great Britain, $5,874; Germany, $290; France, $660. Total..... 6,824

Bridles and Bits.—Val. Var.; K. I., 35%.
United States, $228; Great Britain, $7,372; Germany, $1,090;
France, $565; Italy, $14. Total..... 9,269

Brakes for Railroads.—Val., $0.80; K. G., free.
United States, $21,896; Great Britain, $552; Germany, $1,704.
Total 24,152

Iron Hooks.—Val., $0.55; K. G., 25%.
United States, $2.376; Great Britain, $1,551; Germany, $4,796;
France, $165. Total 8,888

Iron Hooks, Nickel Plated.—Val., $0.80; K. G., 25%.
United States, $328; Great Britain, $720; Germany, $2,200;
France, $648; Belgium, $88. Total..... 3,984

Metal Hooks for Footwear.—Val., $2; K. I., 25%.
Germany, $462. Total 462

Rims for Pipes.—Val., $0.30; K. G., 25%.
Great Britain, $30,555; Germany, $3,918; France, $18; Belgium,
$57. Total 34,548

Grease Cans for Railway Wheels.—Val., $0.30; K. G., 25%.
Great Britain, $11,574; Germany, $2,175. Total..... 13,749

Anchor Fetters.—Val., $0.55; K. G., free.
United States, $11; Great Britain, $946; Germany, $528. Total.. 1,485

Cable Guards.—Val., $0.55; K. G., free.
Great Britain, $220; Germany, $176. Total..... 396

Iron Buckles for Saddlers.—Val., $0.55; K. G., 25%.
United States, $110; Great Britain, $1,826; Germany, $902; France,
$1,430. Total 4,268

Buckles for Saddlers, Nickel Plated.—Val., $0.80; K. G., 25%.
United States, $276; Great Britain, $1,784; Germany, $804; France,
$748. Total 3,612

Buckles for Waist Belts, Hats, etc., Nickel Plated.—Val., $5; K. I., 25%.
Great Britain, $5; Germany, $125; France, $145. Total..... 275

Buckles for Clothes.—Val., $1.20; K. I., 25%.
Great Britain, $1,062; Germany, $50,994; France, $378; Belgium,
$24; Italy, $480. Total..... 52,938

Freezers of Beaten Iron.—Val., $0.75; K. G., 25%.
United States, $7,629; Great Britain, $1,971; Germany, $960;
France, $213. Total 10,773

Horseshoes.—Val., $0.25; K. G., 25%.
United States, $16; Great Britain, $620; Germany, $404; France, $28. Total $1,068

Black Corrugated Iron, Not Painted, Tinned or Galvanized.—Val., $0.12; K. G., 5%.
Great Britain, $173,313; Germany, $2,706. Total 176,019

Iron in Ingots.—Val., $0.05; K. G., free.
United States, $3,053; Great Britain, $162,950; Germany, $42,101; Belgium, $7,845. Total 215,949

Iron in Sheets, Painted, Tinned or Galvanized.—Val., $0.20; K. G., 35%.
United States, $52,204; Great Britain, $1,748,692; Germany, $67,376. Total 1,868,272

Iron, Smooth, Painted, Tinned or Galvanized.—Val., $0.18; K. G., 25%.
United States, $144; Great Britain, $197,640; Germany, $6,480; France, $3,663; Belgium, $1,638. Total 209,565

Iron, Smooth, Not Painted, etc.—Val., $0.12; K. G., free.
Great Britain, $639,807; Germany, $113,082; Belgium, $30,672; Switzerland, $126. Total 783,687

Unwrought Iron or Steel in Bars, etc.—Val., $0.12; K. G., free.
United States, $131,589; Great Britain, $1,640,661; France, $69,474; Germany, $1,172,631; Belgium, $562,389; Italy, $204; Switzerland, $1,920. Total 3,578,868

Common Tin Plate.—Val., $0.25; K. G., free.
United States, $45; Great Britain, $294,197; Germany, $2,172; France, $515; Belgium, $625. Total 297,554

Tin Plate, Stamped, Painted or Varnished.—Val., $0.35; K. G., 25%.
United States, $133; Great Britain, $2,380; Germany, $651; France, $266. Total 3,430

Stoves for Kitchens.—Val., $0.55; K. G., 25%.
United States, $55; Great Britain, $22; Germany, $374; France, $77. Total 528

Wire Hair Pins.—Val., $1; K. I., 25%.
United States, $5; Great Britain, $2,170; Germany, $12,996; France, $1,704; Belgium, $180. Total 17,055

Wire Bird Cages.—Val. Var.; K. I., 35%.
United States, $2,415; Great Britain, $111; Germany, $2,820; France, $138. Total 5,484

Tin Paraffine Lamps.—Val., $0.40; K. G., 60%.
United States, $58; Great Britain, $494; Germany, $330. Total.. 882

Iron Paraffine Lamps.—Val. Var.; K. G., 25%.
United States, $1,922; Great Britain, $2,380; Germany, $19,576; France, $1,040; Belgium, $47; China, $48. Total 25,013

Iron Lamps for Gas or Electric Light.—Val. Var.; K. G., 25%.
United States, $5,124; Great Britain, $5,088; Germany, $7,961; France, $108; Belgium, $336. Total 18,617

Jambs, Wedges or Cramps.—Val., $0.30; K. G., 25%.
Great Britain, $9,519; Germany, $18; France, $12. Total..... $9,549

Iron or Steel Liquor Cases.—Val., $1,50; K. I., 35%.
Great Britain, $225; France, $24. Total..... 249

Filings.—Val., $0.65; K. G., 25%.
Great Britain, $52. Total..... 52

Tin Lanterns.—Val. Var.; K. G., 25%.
United States, $228; Great Britain, $1,602; Germany, $648; France, $121. Total 2,599

Iron Lanterns.—Val. Var.; K. G., 25%.
Great Britain, $624; Germany, $276; France, $54. Total..... 954

Wheel Tires.—Val., $0.30; K. G., free.
United States, $816; Great Britain, $60,834; Germany, $5,949. Total 67,599

Barrel Taps.—Val., $0.55; K. G., 25%.
Great Britain, $77; Germany, $33. Total..... 110

Taps for Water Pipes.—Val., $0.55; K. G., 5%.
United States, $154; Great Britain, $34,914; Germany, $14,201; France, $11; Belgium, $55. Total..... 49,335

Keys for Locks.—Val., $1; K. I., 25%.
United States, $20; Great Britain, $297; Germany, $950; France, $119. Total 1,386

Fencing Masks.—Val., $6; K. I., 25%.
Italy, $294; France, $258. Total..... 552

Masks or Wire Face Guards.—Val., $6; K. I., 60%.
Great Britain, $450; Germany, $72. Total..... 522

Water Measures.—Val., $0.65; K. G., 25%.
United States, $793; Great Britain, $12,038; Germany, $1,651. Total 14,482

Measures for Gas or Electric Light.—Val., $0.80; K. G., free.
United States, $12; Great Britain, $27,904; Germany, $3,264. Total 31,180

American Coffee Mills, or Imitations.—Val., $0.55; K. G., 25%.
United States, $5,753; Great Britain, $2,211; Germany, $715; France, $11. Total..... 8,690

Common Coffee Mills.—Val., $0.55; K. G., 15%.
United States, $6,435; Great Britain, $5,478; Germany, $2,178; France, $132. Total 14,223

Wheat Mills.—Val., $0.55; K. G., 25%.
Great Britain, $2,772. Total..... 2,772

Iron Furniture—Washstands, etc.—Val., $0.75; K. G., 60%.
United States, $8,088; Great Britain, $1,971; Italy, $225; Spain, $15; Germany, $13,815; France, $330. Total..... 24,444

Iron Furniture—Sofas, Chairs, etc.—Val., $0.55; K. G., 60%.
Germany, $429. Total 429

Razors—Regular Class.—Val., $7; Doz., 25%. United States, $28; Great Britain, $3,094; Germany, $9,100; France, $1,526; Belgium, $21; Italy, $7; Switzerland, $224. Total	$14,000
Razors—Superior, with Ivory Handles.—Val., $2.50; each, 35%. Great Britain, $480; Germany, $2,070; France, $1,020. Total....	4,170
Razors—Superior, with Nacre Handles.—Val., $2.50; each, 25%. United States, $600; Great Britain, $5,340; Germany, $5,255; France, $3,045. Total.....	14,240
Board and Fruit Knives.—Val. Var.; Doz., 25%. Great Britain, $4,346; Germany, $7,480; France, $6,047. Total..	17,873
Cast Iron Kettles and Saucepans.—Val., $0.30; K. G., 15%. Great Britain, $44,295; Germany, $5,058; France, $3; Belgium, $3,267. Total	52,650
Saucepans, Enamelled.—Val., $0.55; K. G., 25%. United States, $2,849; Great Britain, $51,348; Belgium, $10,241; Germany, $121,209; France, $9,064. Total.....	194,711
Kettles and Pots, Enamelled.—Val., $0.55; K. G., 25%. Great Britain, $176; Germany, $451; France, $44. Total.....	671
Boilers and Broilers.—Val., $0.55; K. G., 25%. Great Britain, $1,298; Germany, $198; France, $418; Italy, $77. Total	1,991
Candlesticks.—Val., $0.55; K. G., 25%. Germany, $55; France, $33. Total.....	88
Iron Clothes Racks.—Val., $0.55; K. G., 60%. United States, $11; Great Britain, $99; Germany, $88; France, $121. Total.....	319
Iron Clothes Racks, Nickel Plated.—Val., $0.80; K. G., 60%. Great Britain, $48; Germany, $12. Total.....	60
Door Knockers.—Val., $0.55; K. G., 25%. United States, $6,314; Great Britain, $12,782; Germany, $7,931. France, $2,816; Belgium, 231. Total.....	30,074
Iron Door Knockers, Nickel Plated.—Val., $0.80; K. G., 25%. United States, $32; Great Britain, $136; Germany, $684; France, $4. Total.....	856
Pens for Writing.—Val., $6; K. I., 25%. United States, $1,074; Great Britain, $21,756; Germany, $8,766; France, $1,464. Total.....	33,060
Posts, Etc., for Electric Traction.—Val. Var.; K. G, 25%. Great Britain, $96; Germany, $55,339; France, $22. Total.....	55,457
Copying Presses.—Val. Var.; K. G., 25%. United States, $490; Great Britain, $3,426; Germany, $6,252; France, $180; Italy, $50. Total.....	10,398
Presses for Domestic Use.—Val., $1; K. G., 25%. United States, $1,216; Great Britain, $273; Germany, $2,469; France, $182. Total.....	4,140

Bridge Implements.—Val., $0.30; K. G., 15%.
Great Britain, $197,808; Germany, $6,951; France, $291,471.
Total $496,230

Gratings for Machine Furnaces.—Val., $0.30; K. G., free.
United States, $48; Great Britain, $2,274; Germany, $1,281.
Total 3,603

Springs for Carts.—Val., $0.60; K. G., 15%.
United States, $372; Great Britain, $5,808; Germany, $1,809;
France, $57,270. Total..... 65,259

Springs for Furniture.—Val., $0.24; K. G., 25%.
United States, $34,446; Great Britain, $192; Germany, $4,632;
France, $510. Total..... 39,780

Springs for Doors.—Val., $0.55; K. G., 25%.
United States, $638; Great Britain, $462; Germany, $407; France,
$330. Total..... 1,837

Springs for Cars and Locomobiles.—Val. Var.; K. G., 25%.
United States, $1,029; Great Britain, $95,917; Germany, $5,498;
France, $18,060; Belgium, $130. Total..... 120,734

Rails for Railroads.—Val., $0.08; K. G., free.
United States, $38,984; Great Britain, $1,523,592; Germany,
$504,580; France, $1,440; Belgium, $371,950. Total..... 2,440,546

Rowels for Spurs.—Val., $0.55; K. G., 25%.
Great Britain, $1,859; Germany, $814. Total..... 2,673

Pulleys for Windows.—Val., $0.55; K. G., 25%.
United States, $748; Great Britain, $627; Germany, $88; France,
$1,342. Total..... 2,673

Wheels for Handmills.—Val., $0.30; K. G., 25%.
United States, $60; Great Britain, $1,116. Total..... 1,176

Wheels for Railroads or Carts.—Val., $0.40; K. G., free.
United States, $31,694; Great Britain, $285,422; Germany,
$82,722; Belgium, $6,164. Total..... 406,002

Casters for Furniture and Cots.—Val., $0.55; K. G., 25%.
United States, $385; Great Britain, $2,387; Germany, $1,650;
France, $638. Total..... 5,060

Cast Iron Frying Pans.—Val., $0.55; K. G., 15%.
United States, $1,243; Great Britain, $13,783; Germany, $924;
France, $286; Italy, $110. Total..... 16,346

Tacks and Nails.—Val. Var.; K., 25%.
United States, $24,462; Great Britain, $3,948; Germany, $20,043;
France, $2,469; Spain, $258. Total..... 51,180

Dish Covers.—Val., $1.60; K. I., 25%.
United States, $1,040; Great Britain, $448; Germany, $1,480;
France, $312; Italy, $32. Total..... 3,312

Iron or Wire Netting—Coarse Mesh for Chicken Runs, Etc.—Val.,
$0.50; K. G., 5%.
United States, $5,019; Great Britain, $10,306; Germany, $22,108;
France, $1,632. Total..... 39,065

Wire Netting—Fine Mesh for Sieves, Etc.—Val., $1.25; K. G., 5%.
United States, $940; Great Britain, $1,800; Germany, $4,665; France, $3,150. Total..... $10,555

Iron Tea Kettles.—Val., $0.30; K. G., 15%.
Great Britain, $2,778; Germany, $195. Total..... 2,973

Tea Kettles, Enamelled.— Val., $0.55; K. G., 25%.
United States, $121; Great Britain, $2,759; Germany, $17,292; France, $748; Italy, $550. Total..... 21,450

Nail Scissors.—Val., $8; K. I., 25%.
Great Britain, $232; Germany, $1,424; France, $120. Total.... 1,776

Corkscrews.—Val. Var.; K. I., 25%.
United States, $1,545; Great Britain, $1,408; Germany, $2,198; France, $629; Italy, $6. Total..... 5,786

Handles for Furniture or Locks.—Val. Var.; K. I., 25%.
United States, $470; Great Britain, $158; Germany, $11,009; France, $2,081. Total..... 13,718

Buffers for Railroads.—Val., $0.40; K. G., 25%.
Great Britain, $37,682; Germany, $3,148; France, $3,652. Total. 44,482

Traverse Tables for Railroads.—Val., $0.55; K. G., 25%.
United States, $209; Great Britain, $9,031; Germany, $10,681. Total 19,921

Screws or Bolts, With or Without Washers or Nuts.—Val. Var.; K. G., 25%.
United States, $35,944; Great Britain, $114,181; Germany, $130,543; France, $28,666; Belgium, $3,333; Panama, $253. Total. 312,920

Special Screws or bolts for railroads.—Val. Var.; K. G., free.
United States, $3,620; Great Britain, $119,310; Germany, $115,-914; France, $7,070; Belgium, $34,352. Total..... 280,266

Iron Screws, Nickel Plated.—Val., $0.80; K. G., 25%.
Great Britain, $72; Germany, $52; France, $12. Total..... 136

Carvers, With Iron, Bone or Wooden Handles.—Val. Var.; K. I., 25%.
United States, $510; Great Britain, $1,645; Australia, $411; Spain, $155. Total..... 2,721

Carvers, With Ivory Handles and Monograms.—Val. Var.; K. I., 35%.
Great Britain, $216. Total..... 216

Screws, With or Without Nuts.—Val., $0.30; K. G., 25%.
United States, $24; Great Britain, $31,740; Germany, $26,424; France, $228; Belgium, $6,393. Total..... 64,809

Screws for Railroads, With or Without Nuts.—Val., $0.30; K. G., free.
France, $594; Belgium, $18. Total..... 612

Valves for Machine Water Pipes.—Val. Var.; K. G., free.
United States, $12; Great Britain, $8,101; Germany, $6,171. Total. 14,284

Girders, Beams, Etc., for Construction.—Val., $0.30.; K. G., 15%.
United States, $462; Great Britain, $1,215; Germany, $3,564.
Total .....) $5,241

Total, Iron and Steel $23,392,425

3. OTHER METALS.

Metal Decorations for Coffins.—Val. Var.; K. I., 25%.
Great Britain, $708; Germany, $926; France, $260. Total..... $1,894

Gilt or Plated Decorations for Coffins.—Val., $2; K. I., 35%.
United States, $3,484; Germany, $3,130; France, $114. Total..... 6,728

Oil Cans and Lubricators.—Val. Var.; K. I., 5%.
United States, $1,024; Great Britain, $834; Germany, $773;
France, $70. Total..... 2,701

Bronze, Copper and Lead Wire.—Val. Var.; K., free.
United States, $11,913; Great Britain, $8,233; Germany, $118,675;
France, $1,843; Italy, $308. Total..... 140,972

Wire, Plated and Blanched.—Val., $8; K. G., free.
Germany, $1,096; Belgium, $1,816. Total..... 2,912

Wire for Milliners and Florists.—Val., $3; K. I., free.
United States, $21,030; Great Britain, $24,945; Germany, $102,057;
France, $5,553; Belgium, $2,343. Total..... 155,928

Knockers, Latches and Staples.—Val., $2.50; K. I., 25%.
United States, $95; Great Britain, $660; Germany, $1,380; France,
$620. Total..... 2,755

Alphabets, Letters and Numbers.—Val., $2; K. I., 35%.
United States, $166; Great Britain, $166; Germany, $5,882;
France, $184. Total..... 3,198

Pins, Gilt and Plated.—Val., $8; K. I., 35%.
Germany, $40; France, $8; Italy, $16. Total..... 64

Pins of Common Metal.—Val., $2; K. I., 35%.
United States, $58; Spain, $80; Italy, $40; France, $556; Ger-
many, $6,836; Great Britain, $1,130. Total..... 8,700

Aluminum in Sheets.—Val., $2; K. N., 25%.
United States, $36; Germany, $88. Total..... 124

Stoves and Heaters.—Val., $2.50; K. I., 25%.
United States, $150; Italy, $155; France, $145; Germany, $3,555;
Great Britain, $16,685. Total..... 20,690

Cruetstands, Gilt or Plated.—Val. Var.; K. I., 35%.
United States, $11,916; Great Britain, $132; Germany, $12. Total. 12,600

Cruetstands, Nickel Plated or Not.—Val., $3; K. I., 25%.
United States, $663; Austria, $567; Italy, $78; France, $8,124;
Germany, $14,733; Great Britain, $1,281. Total..... 25,455

Rings.—Val., $2.50; K. I., 25%.
United States, $185; Great Britain, $6,725; France, $1,155; Ger-
many, $2,330. Total..... 10,395

Wire Articles.—Val., $4; K. I., 25%. United States, $536; Germany, $3,748; France, $432. Total.....	$4,716
Wire Articles, Gilt or Plated.—Val. Var.; K. I., 35%. Great Britain, $48; Germany, $316; Italy, $16. Total.....	380
Aluminum Articles.—Val. Var.; K. I., 25%. United States, $918; Great Britain, $258; Germany, $3,177; France, $1,194; Belgium, $6; Italy, $1,617. Total.....	7,170
Bronze and Copper Articles.—Val. Var.; K. I., 25%. United States, $3,093; Great Britain, $125,168; Germany, $226,131; France, $23,570; Belgium, $15; Italy, $129; Spain, $340; Peru, $360. Total.....	378,806
Bronze and Copper Articles, Nickel Plated.—Val. Var.; K. I., 25%. United States, $3,031; Great Britain, $8,517; Germany, $44,491; France, $8,061; Belgium, $9; Italy, $2,050. Total.....	66,159
Bronze and Copper Articles, Gilt and Plated.—Val. Var.; K. I., 35%. United States, $2,151; Great Britain, $7,375; German, $15,683; France, $5,192; Belgium, $35; Italy, $235. Total.....	30,591
Zinc Articles.—Val. Var.; K. G., 35%. United States, $208; Great Britain, $8,517; Germany, $44,491; France, $536. Total.....	11,584
White Metal Articles.—Val. Var.; K. I., 25%. United States, $27,875; Great Britain, $121,233; Germany, $56,180; France, $41,362; Belgium, $466; Italy, $2,456; Argentina, $60; Panama, $112; Japan, $282; China, $59. Total.....	249,285
White Metal Articles, Gilt and Plated.—Val. Var.; K. I., 35%. United States, $82,657; Great Britain, $40,592; Germany, $60,375; France, $26,418; Italy, $15; Argentina, $12; Panama, $372. Total.	218,441
Lead and Pewter Articles.—Val. Var.; K. I., 25%. United States, $228; Great Britain, $697; Germany, $1,119; France, $140. Total.....	2,176
Lead and Pewter Articles, Gilt and Plated.—Val. Var.; K. I., 35%. United States, $890; Great Britain, $2,045; Germany, $1,268. Total.	4,195
Handles of Lead, Bronze, Etc.—Val. Var.; K. I., 25%. United States, $220; Great Britain, $178; Germany, $591; France, $716. Total.....	1,705
Quicksilver or Liquid Mercury.—Val., $3; K. G., free. United States, $36; Great Britain, $9,282; Germany, $5,796; France, $12. Total.....	15,126
Metal Trays, Nickel Plated or Not.—Val. Var.; K. I., 25%. Great Britain, $99; Germany, $256. Total.....	355
Trays, Gilt or Plated.—Val., $5; K. I., 25%. Great Britain, $135; Germany, $15. Total.....	150
Baths and Foot Baths.—Val., $1; K. G., 35%. Great Britain, $4,796; Germany, $283; France, $174. Total.....	5,253
Bars or Cylinders for Cutting Nuts or Bolts.—Val., $1; K. G., 5%. United States, $1,574; Great Britain, $59,376; Germany, $12,907; Belgium, $331. Total.....	74,188

Bronze Hinges.—Val., $2.50; K. I., 25%.
United States, $160; Germany, $11,320; Great Britain, $635; France, $900. Total..... $13,015

Wrenches.—Val., $2.50; K. I., 25%.
United States, $25; Great Britain, $460; Germany, $240; France, $105. Total..... 830

Metal Buttons.—Val., $2.40; K. I., 25%.
United States, $108; Great Britain, $2,868; Germany, $14,882; France, $4,936; Italy, $816. Total..... 23,610

Buttons, Gilt and Plated.—Val., $2.40; K. I., 35%.
Germany, $36; France, $84. Total..... 120

Twisted Metals, Gilt and Plated.—Val., $10; K. I., 35%.
Germany, $160; France, $60. Total..... 220

Braziers.—Val., $2.50; K. I., 25%.
Great Britain, $1,525; Germany, $165; France, $80. Total..... 1,770

Metal Brooches.—Val. Var.; K. I., 25%.
United States, $8; Italy, $728; France, $4,123; Germany, $21,854; Great Britain, $1,648. Total..... 28,361

Brooches, Gilt and Plated.—Val., $30; K. I., 35%.
Germany, $180. Total..... 180

Clasps for Papers.—Val., $4; K. I., 25%.
United States, $196; Great Britain, $1,920; Germany, $504; France, $428. Total..... 3,048

Bronze, in Bars or Ingots.—Val. Var.; K. G., 25%.
Great Britain, $588. Total..... 588

Bronze or Copper in Powder.—Val., $2.50; K. I., 25%.
United States, $3,875; Great Britain, $2,720; Germany, $5,215; France, $245; Panama, $115. Total..... 12,170

Bronze, in Sheets or Plates.—Val., $0.70; K. G., free.
United States, $3,248; Great Britain, $26,229; Germany, $13,251; France, $6,195; Belgium, $2,184. Total..... 51,107

Bronze in Perforated Sheets for Machinery.—Val., $1.20; K. G., free.
United States, $864; Great Britain, $4,176; Germany, $5,652. Total. 10,692

Bronze in Sheet for Furring.—Val., $0.70; K. G., free.
Great Britain, $2,744; Germany, $10,528; France, $9,464; Belgium, $469. Total 23,205

Boxes in Common Metal for Toilet Powder.—Val., $2.50; K. I., 35%.
Great Britain, $80; Germany, $835; France, $45. Total..... 960

Calderons.—Val., $2.50; K. I., 25%.
Germany, $65; France, $55. Total..... 120

Bells, Bronze or Composition.—Val. Var.; K. I., 25%.
United States, $225; Great Britain, $3,925; Germany, $2,350; France, $15. Total..... 6,515

Hand Bells.—Val. Var.; K. I., 25%.
United States, $269; Great Britain, $303; Germany, $453; France, $10. Total $1,035

Electric Hand Bells.—Val. Var.; K. I., 25%.
United States, $657; Great Britain, $2,090; Germany, $2,127; France, $93. Total..... 4,967

Padlocks.—Val. Var.; K. I., 25%.
United States, $3,349; Great Britain, $2,213; Germany, $1,880; France, $732; Belgium, $10. Total..... 8,184

Candelabrums and Candlesticks.—Val. Var.; K. I., 25%.
United States, $10; Great Britain, $3,202; Germany, $1,249; France, $1,654; Italy, $1,475. Total..... 7,581

Tubes, Pipes and Gutters of Bronze or Copper.—Val., $1; K. G., 5%.
United States, $13,865; Great Britain, $29,085; Germany, $14,802; France, $15. Total..... 57,767

Tubes, Pipes or Gutters of Lead.—Val. Var.; K. G., 5%.
Great Britain, $24,749; Germany, $229,343; France, $400; Belgium, $18,020. Total 272,512

Clamps and Pipes for Ladders, Stairs, Bedsteads, Etc.—Val. Var.; K. I., 25%.
United States, $554; Great Britain, $67,549; Germany, $4,774; France, $6,661; Belgium, $84; Panama, $240. Total..... 79,862

Metal Caps for Bottle.—Val., $1.20.; K. I., 5%.
United States, $600; Great Britain, $8,244; Germany, $58,746; France, $36,054; Italy, $4,836; Spain, $1,260. Total..... 109,740

Bronze Cots and Cradles.—Val. Var.; K. G., 25%.
United States, $1,833; Great Britain, $45,000; Germany, $458; France, $2,716. Total..... 49,287

Bronze Locks and Keys.—Val. Var.; K. I., 25%.
United States, $451; Great Britain, $1,691; Germany, $13,528; France, $2,954; Belgium, $280; Spain, $1,823. Total..... 20,327

Cigar Cases, in Bronze or Copper.—Val. Var.; K. I., 35%.
Great Britain, $13; Germany, $254; France, $3. Total..... 270

Zinc, in Sheets, Plates or Bars.—Val., $0.25; K. G., free.
United States, $50,750; Belgium, $34,266; France, $410; Germany, $44,979; Great Britain, $18,905. Total..... 149,310

Bronze Stoves or Ranges.—Val., $2; K. I., 25%.
Great Britain, $560; Germany, $426; France, $80. Total..... 1,066

Metal Epaulettes for Officials.—Val., $24; Par., 35%.
Germany, $288. Total 288

Nails and Tacks in Composition for Footwear.—Val., $0,75; K. G., 25%.
United States, $66; France, $1,428. Total..... 1,494

Bronze and Copper Nails for Ships.—Val., $1; K. G., free.
United States, $4,220; Great Britain, $15,675; Germany, $3,470; France, $3,272. Total 26,637

Zinc Nails.—Val., $0.40; K. G., 35%.
Great Britain, $382; Germany, $756; France, $90; Belgium, $368. Total $1,596

Old Copper or Bronze.—Val. Var.; K. G., 25%.
Great Britain, $496; Germany, $88. Total..... 584

Funeral Wreaths.—Val., $3.50; K. I., 60%.
Germany, $2,856; France, $2,135; Italy, $525. Total..... 5,516

Crosses and Medals.—Val. Var.; K. I., 25%.
United States, $15; Great Britain, $806; Germany, $382; France, $2,115; Italy, $38. Total..... 3,348

Ladles and Spoons.—Val. Var.; K. I., 25%.
Great Britain, $2,074; Germany, $989; France, $28. Total..... 3,091

Spurs.—Val., $8; K. I., 25%.
Great Britain, $280; France, $16. Total..... 296

Tin in Bars, Sheets and Plates.—Val., $1; K. G., free.
United States, $1,195; Great Britain, $38,570; Germany, $8,096; France, $308; Bolivia, $568. Total..... 48,737.

Tin—Laminated, for Bottles.—Val., $2; K. G., 5%.
United States, $8; Spain, $958; Belgium, $250; France, $464; Germany, $15,076; Great Britain, $100. Total..... 18,836

Bronze and Copper Statues, Figures, etc.—Val., $3; K. G., 35%.
Great Britain, $990; Germany, $6,258; France, $13,002; Belgium, $315; Italy, $3,348. Total..... 23,913

Lead and Zinc Statues, Figures, Etc.—Val., $1.30; K. G., 35%.
United States, $143; Spain, $39; France, $6,175; Germany, $15,080; Great Britain, $546; Panama, $78. Total..... 22,061

Lanterns, Nickel Plated or Plated, for Vehicles.—Val. Var.; Par., 35%.
Great Britain, $252; Germany, $892; France, $9,334; Belgium, $72. Total 10,550

Filters for Water.—Val. Var.; K. I., 5%.
United States, $5; Great Britain, $117; Germany, $102. Total... 224

Buckles of all Classes.—Val. Var., 25%.
Great Britain, $37,384; Germany, $2,575; France, $3,563; Italy, $16. Total..... 43,538

Buckles, Gilt or Plated, or Leather Covered.—Val. Var.; K. I., 35%.
Great Britain, $689; Germany, $224; France, $25. Total..... 938

Wire Thread.—Val., $10; K. I., free.
Germany, $20; France, $20. Total..... 40

Bird Cages, Bronze or Copper.—Val. Var.; K. I., 35%.
United States, $474; Germany, $492. Total..... 966

Jewellery, False.—Val. at sight.; K. I., 35%.
United States, $12,762; China, $66; Switzerland, $372; Italy, $1,460; Belgium, $224; France, $45,355; Germany, $80,693; Great Britain, $16,436. Total..... 157,368

Electric Lamps.—Val., $3; K. G., 25%.
United States, $1,344; Germany, $1,311. Total..... $2,655

Gas Lamps.—Val. Var.; K. G., 25%.
United States, $7,988; Spain, $36; Belgium, $315; France, $11,098; Germany, $73,871; Great Britain, $42,814. Total..... 136,122

Lamps and Utensils—Paraffin.—Val. Sight; K. G., 25%.
United States, $13,476; Belgium, $1,926; France, $1,314; Germany, $29,500; Great Britain, $4,870. Total..... 51,086

Paraffin Lamps, Bronze or Gilt.—Val. Var.; K. G., 35%.
United States, $163. Total..... 163

Curtain Poles.—Val., $2.50; K. I., 35%.
Germany, $30. Total..... 30

Small Aluminum Books.—Val., $20; K. I., 15%
Great Britain, $400; Germany, $60; France, $120. Total..... 580

Keys for Barrels.—Val. Var.; K. I., 25%.
United States, $141; Great Britain, $1,644; Germany, $1,869; France, $1,158. Total..... 4,812

Keys for Water Pipes.—Val. Var.; K. I., 5%.
United States, $3,053; Great Britain, $50,960; Germany, $5,271; France, $2,770; Belgium, $200. Total..... 62,254

Handles for Pens.—Val, $6; K. I., 25%.
United States, $234; Great Britain, $120; Germany, $84; France, $84. Total, ... 522

Frames, Bronze or Copper.—Val. Var.; K. I., 60%.
Great Britain, $43; Germany, $55; France, $341. Total..... 439

Metal Babbits.—Val., $0.50; K. G., 25%.
United States, $3,721; Germany, $5,205; Great Britain, $8,715. Total 17,641

White Metal in Sheets or Plates.—Val., $2; K. I., 25%.
Germany, $620. Total,..... 620

Zinc Moulding for Edifices.—Val., $0.70; K. G., 60%.
United States, $3,267. Total..... 3,302

Perforated Music.—Val., $4; K. I., 25%.
United States, $176; Great Britain, $1,680; Germany, $2,840; France, $160. Total..... 4,856

Nickel in Sheets or Plates.—Val., $2; K. G., 25%.
Germany, $11,492; France, $626. Total..... 12,118

Common Metal Objects for Ships.—Val., $2; K. I., 25%.
Great Britain, $1,332; Germany, $238; France, $4; Italy, $4. Total 1,578

Common Metal Objects for Clothing, Footwear, etc.—Val., $4; K. I., 25%.
United States, $184; Great Britain, $14,396; Germany, $10,384; France, $21,400; Italy, $1,712. Total..... 48,076

Enamel or Tinsel.—Val., $6; K. I., 35%.
Germany, $1,896; France, $150. Total..... 2,046

Kettles.—Val., $2.50; K. I., 25%.
Fraance, $50. Total..... $50

Metal Passementerie.—Val., $12; K. I., 25%.
Great Britain, $192; Germany, $3,708; France, $2,256. Total.. 6,156

Metal Passementerie Fringe.—Val., $12; K. I., 35%. ..
Great Britain, $228; Italy, $576. Total..... 804

Metal Passementerie with Silk.—Val., $40; K. I., 35%.
Great Britain, $40; Germany, $160; Argentine, $40. Total..... 240

Bronze Brackets.—Val. Var.; K. I., 60%.
United States, $30; Great Britain, $177; Germany, $85. Total.. 292

Bronze Knobs.—Val., $2.50; K. I., 25%.
United States, $55; Great Britain, $2,750; Germany, $525;
France, $510. Total..... 3,660

Bronze or Copper Bolts or Bars.—Val., $1; K. G., 5%.
Great Britain, $1,500. Total..... 1,500

Bronze Door Knockers.—Val. Var.; K. I., 25%.
United States, $400; Great Britain, $1,315; Germany, $2,935;
France, $1,170. Total..... 5,820

Sheets of Copper, Bronze or Composition for Furring.—Val., 70c.; K. G., free.
United States, $21; Great Britain, $5,908; Germany, $3.178. otal 9,107

Lead in Sheets, Plates or Bars.—Val., $0.25; K. I., free.
United States, $1,408; Great Britain, $48,628; Germany, $17,691;
France, $75; Belgium, $625. Total..... 68,427

Burners for Gas or Parafin.—Val., Var.; K. I., 25%.
United States, $1,213; Great Britain, $2,667; Germany, $15,542;
France, $1,161. Total..... 20,583

Casters for Furniture.—Val., $2.50; K. I., 25%.
United States, $405; Great Britain, $630; Germany, $145;
France, $220. Total..... 1,400

Watches, in Common Metal.—Val., $3; each, 15%.
United States, $29,661; Great Britain, $7,464; Germany, $10,068;
France, $22,896; Switzerland, $7,140; Panama, $1,290. Total.. 78,519

Metal Watches, Plated.—Val., $6; each, 15%.
United States, $2,880; Great Britain, $558; Gearmany, $1,440;
France, $6,696; Switzerland, $7,668. Total..... 27,672

Watches with Gold or Gilt Covers.—Val., $12; each, 15%.
United States, $8,196; Great Britain, $504; Germany, $4,608;
France, $6,696; Switzerland, $7,668. Total..... 27,672

Solder.—Val., $0.60; K. G., free.
United States, $39; Great Britain, $6,831; Germany, $2,037;
France, $189. Total..... 9,096

Bronze or Copper Tacks.—Val., Var.; K. G., 25%.
United States, $104; Great Britain, $1,704; Germany, $2,416;
France, $10,120. Total..... 14,344

Bronze Tacks, Gilt or Plated.—Val., $2.50; K. G., 35%.
United States, $15; Great Britain, $2,750; Germany, $1,790; France, $5. Total $4,560

Bronze or Copper Tissue.—Val., Var.; K. G., 5%.
Great Britain, $1,053; Germany, $6,594; France, $467. Total.. 8,114

Door or Table Bells.—Val., $2; K. I., 25%.
United States, $140; Great Britain, $250; Germany, $500; France, $276; Italy, $6. Total 1,174

Bronze or Copper Handles.—Val., $3; K. I., 25%.
Germany, $45. Total 45

Bronze or Copper Screws.—Val., $2.50; K. I., 25%.
United States, $25; Great Britain, $1,790; Germany, $820; France, $220. Total 2,855

Bronze or Copper Nuts.—Val., $2.50; K. I., 25%.
Great Britain, $350; Germany, $245. Total 595

Copper Minerals.—Val., at sight; free.
Peru, $6,420; Argentine, $89,111. Total 95,531

3. OTHER METALS.

Total $3,483,962

4. STONE AND EARTHENWARE.

Class Oil Cruets.—Val., $0.60; K. G., 5%.
United States, $399; Great Britain, $228; Germany, $186; France, $3. Total $816

Hour Glasses.—Val., $1.30; K. I., 15%.
Germany, $13; France, $39. Total 52

Isolators for Electric Light.—Val., $0.60; K. G., free.
United States, $147; Great Britain, $2,068; Germany, $708 France, $474. Total 2,397

Glass Castors for Pianos.—Val., $0.60; K. G., 25%.
United States, $762; Germany, $96; France, $879. Total..... 1,737

Mortars.—Val., $0.30; K. G., 25%.

Marble Mortars.—Val., $0.40; K. G., 25%.
Great Britain, $82; Germany, $14; Italy, $1,020. Total..... 1,116

Tar or Mineral Pitch.—Val., $0.05; K. G., 15%.
United States, $342; Great Britain, $8,440; Germany, $165. Total 8,947

Clay Articles.—Val., $0.30; K. G., 25%.
United States, $117; Great Britain, $52; Germany, $99; Italy, $6. Total 274

Asbestos or Amianthus, Whole or in Powder.—Val., $0.14; K. G., 5%.
Great Britain, $7,875; Germany, $55; Belgium, $7. Total..... 8,407

Asbestos, in Boards or Sheets.—Val., $0.50; K. G., 25%.
United States, $62; Italy, $103; Belgium, $28; Germany, $5,560; Great Britain, $13,384. Total 19,137

Asbestos, in Cables.—Val., $1.25; K. G., 25%.
United States, $210; Italy, $310; Germany, $16,825; Great Britain, $20,735. Total..... $38,080

Asbestos or its Composition for Covering Boilers.—Val., $0.20; K. K., 25%.
United States, $36; Great Britain, $12,790; Germany, $779. Total 13,605

Glazed Tiles.—Val., $0.25; K. G., 35%.
United States, $16; Great Britain, $4,360; Germany, $236; Spain, $578. Total 5,190

Amber Mouth Pieces, Imitation.—Val., $0.08; G. N., 35%.
Germany, $1,008; France, $36. Total..... 1,044

Meerschaum Mouthpieces, or Imitation.—Val., $0.20; G. N., 35%.
Germany, $240. Total..... 240

Glass Bottles.—Val., Var.; K. G., 25%.
United States, $38; Belgium, $128; France, $18; Germany, $664; Great Britain, $21. Total..... 869

Bottles for Liquors.—Val., $0.12; K. G., 15%.
United States, $3; Great Britain, $6,777; Germany, $1,424,556; France, $5,922; Belgium, $147; Italy, $252. Total..... 1,437,657

Bottles, with China Covers.—Val., $0.15; K. G., 25%.
Great Britain, $90; Germany, $3,312; Italy, $15. Total..... 3,417

Clay or Earthenware Bottles.—Val., $0.35; K. G., 25%.
Germany, $603; Italy, $49; Spain, $120. Total..... 772

Buttons.—Val., $0.70; K. I., 25%.
Great Britain, $1,428; Germany, $2,485; France, $546; Italy, $2,849. Total 7,368

Collar Buttons.—Val., $3; K. I., 25%.
Germany, $414; France, $906; Italy, $507. Total..... 1,827

Porcelain Buttons.—Val., $2.40; K. I., 35%.
United States, $900; Great Britain, $60; Germany, $6,468; France, $144; Italy, $12; Spain, $36. Total..... 7,620

Candlesticks, for Electric Light.—Val., $6; K. I., free.
United States, $27,084; Great Britain, $25,758; Germany, $87,756; France, $1,338. Total..... 141,936

Boxes for Toilet Powder.—Val., $2.50; K. I., 35%.
United States, $27,084; Great Britain, $25,758; Germany, $7,205; France, $970; Italy, $15. Total..... 9,225

Common Chalk.—Val., $1.30; Mt. Qt., 25%.
Great Britain, $52; France, $6. Total..... 58

Clay Pipes.—Val., $0.04; K. G., 25%.
Great Britain, $48,548; Germany, $470. Total..... 49,118

Roman Cement.—Val., $0.04; K. G., 15%.
United States, $72,037; Great Britain, $475,819; France, $50,271; Germany, $1,020,174; Belgium, $59,911. Total..... 1,678,212

Mineral Wax.—Val., $0.80; K. G., 25%.
Great Britain, $140; Germany, $4.604; France, $56. Total..... 4,800

Common Crockery.—Val., $0.50; K. G., 25%.
Great Britain, $15,570; Germany, $593; France, $971. Total.... $18,373

Clay Crockery.—Val., $0.25; K. G., 25%.
Great Britain, $17,272; Germany, $452; France, $82. Total.... 17,806

Graduated Glasses.—Val., $2.40; K. N., 5%.
United States, $180; Great Britain, $204; Germany, $2,112; France, $168. Total..... 2,664

Wreaths, Crosses and Other Funeral Ornaments.—Val., $3.50; K. N., 60%.
United States, $91,758; Great Britain, $161; Germany, $3,815; France, $1,722. Total..... 15,456

Common Glassware.—Val., Var.; K. G., 25%.
United States, $38,537; Great Britain, $42,876; Germany, $541,-724; France, $47,775; Belgium, $73,252; Italy, $2,854; Spain, $500; Panama, $257. Total..... 747,775

Superior Glassware.—Val., Var.; K. G., 35%.
United States, $44,349; Spain, $159; Italy, $531; Belgium, $180; France, $7,389; Germany, $35,621; Great Britain, $3,545; Panama, $228. Total..... 92,002

Demijohns.—Val., $0.20; K. G., 25%.
Germany, $7,010; France, $925. Total..... 7,935

Distillers and Filters.—Val., $0.50; K. G., 5%.
United States, $151; Great Britain, $3,246; Germany, $1,966; France, $251; Argentine, $1,104. Total..... 6,718

Emery Paper.—Val., $0.40; K. G., free.
United States, $4,969; Great Britain, $3,582; Germany, $3,124; France, $206. Total..... 11,881

Emery Powder.—Val., $0.40; K. G., 5%.
United States, $10,946; Great Britain, $1,336; Germany, $2,594; France, $428. Total..... 15,304

Emery, Whole.—Val., $0.90; K. G., free.
United States, $1,287; Great Britain, $2,808; Germany, $1,899. Total 5,994

Mirrors, Framed in Wood, Cardboard or Papier Maché.—Val., Var.; K. G., 25%.
Great Britain, $2,221; Germany, $13,637; France, $148. Total.. 16,006

Mirrors, Framed in Zinc, Tin or Beaten Iron.—Val., Var.; K. G., 25%.
United States, $872; Great Britain, $980; Germany, $33,428; France, $1,572. Total..... 36,852

Mirrors, Framed in Bronze or Copper, with Handles.—Val., Var.; K. G., 25%.
United States, $40; Italy, $184; Belgium, $80; France, $1,036; Germany, $5,158; Great Britain, $792. Total..... 7,290

Mirrors, exceeding O. M. 80.—Val., Var.; K. G., 35%.
United States, $160; Great Britain, $360; Germany, $2,220; France, $240; Italy, $4,342. Total..... 7,322

Statues, in Clay, Terra Cotta or Imitations.—Val., $1.50; K. G., 35%.
Great Britain, $1,950; Germany, $10,437; France, $2,382; Italy, $735. Total..... $15,504

Statues and Figures, in Plaster.—Val., $0.80; K. G., 35%.
Great Britain, $1,056; Germany, $5,876; France, $1,560; Spain, $180; Argentina, $4. Total..... 8,676

Statues.—Val., $1.50; K. G.
Germany, $171. Total..... 171

Flower Pots.—Val., Var.; K. G., 35%.
United States, $348; Great Britain, $3,829; Germany, $24,382; France, $3,397; Belgium, $328; Italy, $876; Austria, $120. Total 33,280

Fine Crystal Flasks.—Val., $1.50; K. G., 35%.
United States, $48; Great Britain, $75; Germany, $279; France, $180. Total 582

Common Crystal Flasks.—Val., Var.; K. G., 25%.
United States, $983; Great Britain, $851; Germany, $6,585; France, $1,240. Total..... 9,659

Pocket Flasks.—Val., $12; Doz., 35%.
United States, $1,200; Great Britain, $168; Germany, $222; France, $12. Total..... 1,602

Bottles for Cruetstands.—Val., $0.25; K. G., 25%.
United States, $50; Great Britain, $16; Germany, $264; Austria, $36. Total 366

Glass Lamp Globes.—Val., $0.25; K. G., 25%.
United States, $590; Great Britain, $578; Germany, $3,746; France, $75. Total..... 4,989

Chalk for Tailors.—Val., $0.80; K. G., 25%.
Great Britain, $332; Germany, $2,088; France, $1,700; Italy, $376. Total 4,396

Stones for Knife Cleaning, or Bristol Brick.—Val., $0.06; K. G., 25%.
United States, $144; Great Britain, $10,086; Germany, $11; France, 258. Total..... 10,599

Bricks for Tiles, Pavements, Flooring and Decoration.—Val., Var.; K. G., 60%.
Great Britain, $89,196; Germany, $11,643; France, $198; Spain, $1,145. Total..... 102,182

Bricks for Smelting Furnaces.—Val., Var.; K. G., 15%.
United States, $26,130; Great Britain, $158,486; Germany, $12,-435. Total..... 197,051

Tiles for Kitchens.—Val., $0.20; K. G., 25%.
United States, $620; Great Britain, $401; Germany, $171. Total 1,192

Pumice Stone, in Blocks.—Val., $0.30; K. G., 25%.
United States, $177; France, $105. Total..... 282

Sandstone.—Val., $0.10; K. G., 25%.
United States, $287; Great Britain, $1,441. Total..... 1,728

Lamps.—Val., Var.; K. G., 25%.
United States, $1,051; Great Britain, $1,711; Germany, $40,982; France, $567; Belgium, $392; Ecuador, $2; China, $108; Japan, $145. Total..... $44,958

Bracket Lamps.—Val., $0.40; K. G., 25%.
Germany, $10,338. Total..... 10,338

Pencils.—Val. Var.; K. I., 25%.
United States, $11,717; Great Britain, $12,912; Germany, $35,716; France, $2,213; Italy, $945. Total..... 63,503

Slate Pencils.—Val., $0.30; K. G., free.
Great Britain, $3; Germany, $2,784; France, $9; Italy, $9. Total 2,805

Slate Pencils, cased in Wood.—Val., $2; K. I., free.
United States, $1,336; Great Britain, $68; Germany, $2,492; France, $14. Total..... 3,910

Artisans' Pencils.—Val., $2; K. I., 5%.
United States, $102; Great Britain, $20; Germany, $246. Total.. 368

China.—Val., Var.; K. G., 25%.
United States, $2,772; Great Britain, $207,787; Germany, $308,201; France, $33,958; Belgium, $39,357; Italy, $736; Spain, $18; Argentina, $15. Total..... 592,844

Mirror Plates, exceeding O. M. 80.—Val., $1.50; K. G., 35%.
United States, $69; Great Britain, $597; Germany, $2,337; France, $249; Italy, $3,381. Total..... 6,633

Mirror Plates, not exceeding O. M. 80.—Val., $1; K. G., 25%.
United States, $365; Great Britain, $19; Germany, $1,485; France, $14; Belgium, $110; Italy, $738. Total..... 2,731

Marble, in Blocks or Slabs.—Val. Var.; K. G., 15%.
Great Britain, $426; Germany, $10,644; France, $447; Italy, $1,590; Belgium, $109,458. Total..... 122,565

Marble, in Polished Slabs.—Val., $0.15; K. G., 35%.
Great Britain, $57; Germany, $8,493; France, $1,311; Belgium, $1,794; Italy, $2,166. Total..... 13,821

Marble, Manufactured.—Val., $0.70; K. G., 35%.
Great Britain, $28; Germany, $910; France, $49; Italy, $651; Spain, $28. Total..... 1,666

Marble for Fonts, Fireplaces, Etc., in Other Forms.—Val., $0.50; K. G., 35%.
United States, $6; Great Britain, $1,604; Germany, $8,344; France, $2,980; Italy, $113; Belgium, $11,416. Total..... 24,463

Putty for Glaziers.—Val., $0.20; K. G., 25%.
United States, $11; Great Britain, $273; Germany, $942; France, $219. Total..... 1,445

Oxide of Iron, with Soil for Purifying Gas.—Val., $0.06; K. G., 25%.
Great Britain, $87; Germany, $6,873; France, $6. Total..... 6,966

Glass Lamp Shades.—Val., $0.25; K. G., 25%.
United States, $504; Great Britain, $712; Germany, $2,522; France, $32. Total..... 3,770

Pipes.—Val., $0.60; K. G., 35%.
Great Britain, $18; Germany, $324; Italy, $159. Total..... $501

Pumice Stone.—Val., $0.25; K. G., 15%.
United States, $110; Great Britain, $157; Germany, $1,379; France, $248; Belgium, $15; Panama, $44. Total..... 1,593

Granite Stone.—Val., $0.06; K. G., 25%.
Germany, $96. Total..... 96

Meerschaum Pipes, in Cases.—Val., $0.10; Grms. I., 35%.
Germany, $171. Total..... 171

School Slates.—Val., $0.25; K. G., free.
United States, $16,450; Great Britain, $32; Germany, $6,046; France, $119. Total..... 22,647

Slates for Roofs.—Val., $0.12; K. G., 25%.
Germany, $1,050; France, $1,158; Italy, $4,254. Total..... 6,462

Slates for Billiards.—Val., $0.15; K. G., 25%.
United States, $1,908; Great Britain, $1,722; Germany, $216; France, $1,014. Total..... 4,860

Slates for Writing Tables.—Val., $0.65; K. G., 25%.
Great Britain, $91. Total..... 91

Graphite, or Black Lead.—Val., $0.30; K. G., free.
United States, $663; Great Britain, $7,095; Germany, $2,271; France, $75. Total..... 10,104

Powders for Cleaning Metal Objects.—Val., $0.80; K. G., 25%.
United States, $60; Great Britain, $617; Germany, $31. Total... 4,014

Porcelain.—Val. Var.; K. G., 35%.
United States, $2,435; Great Britain, $29,696; France, $33,166; Germany, $238,313; Belgium, $1,644; Italy, $235; Austria, $107; Switzerland, $36; Japan, $288; China, $591; Panama, $54. Total 306,565

Talc for Soap Manufactures.—Val., $0.05; K. G., 5%.
United States, $2,570; Great Britain, $3,977; Germany, $2,720; France, $3,865; Italy, $1,020. Total..... 14.,152

Superior Talc.—Val., $0.30; K. G., 25%.
United States, $15; Great Britain, $36; Germany, $24; Spain, $12; Argentina, $432. Total..... 519

Billiard Chalk.—Val., $0.15; K. G., 35%.
Great Britain, $901; France, $222; Germany, $74; Belgium, $9. Total 1,206

Mould for Smelters.—Val., $0.06; K. G., free.
Great Britain, $16,377; Germany, $1,071. Total..... 17,448

Chalk for Schools.—Val., $0.40; 25%.
United States, $7,372; Great Britain, $182; Germany, $66; France, $372; Italy, $40. Total..... 8,032

Common Chalk, Whole or Ground.—Val., $0.04; K. G., 25%.
United States, $234; Great Britain, $4,206; Germany, $20,063; France, $6; Belgium, $130. Total..... 24,639

Pipes for Machinery.—Val., $1; K. G., free. United States, $67; Great Britain, $4,098; Germany, $1,134. Total	$5,299
Mica Lamp Chimneys.—Val., $2; K. G., 25%. United States, $114; Great Britain, $282; Germany, $4,582. Total	4,978
Glass or Clay Vessels for Electric Batteries.—Val., $0.50; K. G., free. United States, $841; Great Britain, $968; Germany, $1,651; France, $235; Belgium, $1,612. Total	5,307
Broken Glass.—Val., $0.02; K. G., 25%. Germany, $1,135. Total	1,135
Ground Glass.—Val., $0.06; K. G., 25%. Germany, $423. Total	423
Planed Glass, with or without Bevelled Edge.—Val. Var.; K. G., 35%. Great Britain, $5,360; Germany, $44,522; France, $714; Belgium, $2,049. Total	52,645
Planed Glass, without Bevel.—Val. Var.; K. G., 25%. United States, $138; Great Britain, $9,125; Germany, $11,792; France, $12,066; Belgium, $61,230. Total	194,351
Concave Glasses.—Val., $1; K. G., 25%. United States, $130; Great Britain, $241; Germany, $131; France, $251. Total	753
Planed Glass.—Val., $0.35; K. G., 35%. France, $266; Great Britain, $9,422; Germany, $7,112; Belgium, $5,174. Total	21,924
Photographic Plates.—Val., $1.20; K. G., free. United States, $7,452; Great Britain, $6,774; Germany, $12,690; France, $4,416; Italy, $48. Total	31,380
Dental Plaster, Pure.—Val., $0.40; K. I., 25%. United States, $92; Great Britain, $502; Germany, $846; France, $2. Total	1,442
Plaster, Impure, Common.—Val., $0.04; K. G., 25%. United States, $343; Great Britain, $37; Germany, $2,586; France, $5; Italy, $380. Total	3,351
Total Stone and Earthenware	$46,495,220

III. MINERAL PRODUCTS.

1.	Sterling Metals and Jewelry	$3,179,154
2.	Iron and Steel	23,392,425
3.	Other Metals	3,483,962
4.	Stone and Earthenware	6,495,220
	Total	$36,550,761

IV.

TEXTILES.

1.	Hemp, Jute, etc	$7,089,690
2.	Cotton	31,350,519
3.	Linen	863,572
4.	Wool	10,417,047
5.	Silk	2,874,304

I. HEMP, STRAW, JUTE, ETC.—RAW MATERIAL.

Hemp, and in Rough.—Val., $0.20; K. G., free.
Great Britain, $370; Germany, $2,700; Argentina, $19. Total.... $3,089

Hemp, in Trees or Fibre.—Val., $0.65; K. G., 25%.
Great Britain, $4,199; Germany, $507; France, $20,319; Spain, $23,023; Argentina, $338. Total..... 48,386

Manila and Jute Fibre.—Val., $0.20; K. G., free.
Germany, $3,400. Total..... 3,400

Siam, Esparto-Grass Fibres, Etc.—Val. at sight; K. G., 5%.
United States, $148; Great Britain, $1,696; Germany, $3,202; France, $1,882. Total..... 6,928

Hemp Yarn.—Val., $0.75; K. G., 35%.
United States, $8,166; Great Britain, $95,379; Germany, $58,749; France, $1,272; Belgium, $297; Italy, $16,335; Spain, $549; India, $870. Total..... 181,617

Hemp Yarn for Binding.—Val., $0.50; K. G., 35%.
United States, $12,977; Great Britain, $3,980; France, $15. Total..... 16,972

Yarn from Jute or Other Vegetable Fibres.—Val., $0.75; K. G., 25%.
Great Britain, $447; Germany, $5,883. Total..... 6,330

Straw or Wood Shaving, in Braids, for Hats.—Val., $1; K. N., 25%.
Great Britain, $10,854; Germany, $21,355; France $3,286; Belgium, $953; Italy, $30,096; China, $4,577. Total..... 71,121

MANUFACTURED GOODS.

Carpets or Rugs.—Val., $1.30; K. N., 35%.
United States, $247; Great Britain, $4,134; Germany, $7,124; France, $2,730; Spain, $1,066; Japan, $351. Total..... $15,652

Sackcloth for Sacks.—Val., $0.40; K. G., 15%.
Great Britain, $71,174; Germany, $25,688; France, $776; Italy, $100; India, $9,030. Total..... 106,768

Hemp Sackcloth for Flooring.—Val., $0.80; K. G., 25%.
Germany, $1,000. Total..... 1,000

Sackcloth for Packing.—Val., $0.40; K. G., 25%.
Great Britain, $2,972; India, $1,096. Total..... 4,068

Satchels for School Children or Other Purposes.—Val., $0.80; K. N., 35%.
Great Britain, $1,436; Germany, $1,224; France, $176. Total.... $2,836

Saddle or Horse Covers.—Val. Var.; K. N., 25%.
Great Britain, $3,433; Germany, $33; France, $972. Total..... 4,438

Table Covers or Cloths.—Val. Var.; K. N., 35%.
Great Britain, $2,445; France, $501. Total..... 2,946

Girths or Surcingles.—Val., $4; K. I., 35%.
France, $1,488; Great Britain, $536; Germany, $940; Argentina, $40. Total..... 3,004

Hemp and Jute Tapes.—Val., $1; K. N., 25%.
Great Britain, $2,068; Germany, $6,205; France, $578. Total... 8,851

Curtains.—Val., $3; K. N., 35%.
France, $576. Total..... 576

Hemp Packing.—Val. Var.; K. G., 25%.
Great Britain, $4,815; Germany, $3,687; Italy, $784. Total..... 9,286

Oil Cloth for Flooring.—Val., $0.50; K. G., 25%.
United States, $526; Great Britain, $90,635; Germany, $14,059; France, $19,007; Belgium, $540; Italy, $433; Japan, $125. Total.. 125,325

Mats and Sleeping Mats.—Val., $0.50; K. G., 35%.
Great Britain, $4,263; Germany, $905; France, $2,839; China, $1,090. Total..... 9,097

Hemp Rope.—Val., $0.30; K. G., free.
Spain, $1,242; Great Britain, $2,058; Germany, $1,194; France, $15. Total..... 4,509

Cloth for Curtains and Tapestry.—Val. Var.; K. G., 25%.
Germany, $80; France, $125; Italy, $225; Spain, $144. Total... 577

Hemp and Jute Cloths for Interlining.—Val., $1; K. N., 25%.
Italy, $392; Great Britain, $4,483; Germany, $2,262; France, $590. Total..... 7,727

Cloth for Kitchen Cloths.—Val., $2; K. N., 25%.
Great Britain, $1,010; Germany, $144; France, $398. Total..... 1,552

Kidderminsters.—Val. Var.; K. G., 25%.
United States, $400; Great Britain, $19,340; Germany, $12,536; France, $2,936; Switzerland, $1,092. Total..... 36,304

Kidderminsters, Hemp and Jute, with Silk Mixture.—
United States, $546; Great Britain, $210. Total..... 756

Caps or Bonnets.—Val. Var.; Doz., 35%.
Italy, $3,924; Great Britain, $300; Germany, $1,728; France, $1,044. Total..... 6,996

Gloves for Rubbing.—Val., $6; K., without boxes, 35%.
Great Britain, $228; Germany, $90; France, $6. Total..... 324

Hemp and Jute Hammocks.—Val., $3; K. I., 35%.
United States, $123; Great Britain, $249; Germany, $51. Total.. 423

Tarpaulin, or White Accoutrements.—Val., $0.60; K. G., 25%.
United States, $31,956; Great Britain, $160,968; Germany, $18,411; France, $1,458; Belgium, $3,996; Italy, $651. Total.... $217,440

Hemp and Jute Fishing Tackle.—Val., $2; K. I., 25%.
Great Britain, $1,108; Germany, $572. Total..... 1,680

Straw Plaiting.—Val., $1; K. N., 25%.
Great Britain, $761; Germany, $661. Total..... 1,422

Canvas or Sailcloth for Various Uses.—Val. Var.; K. N., 25%.
United States, $1,520; Great Britain, $26,185; Germany, $9,252; France, $985; Italy, $356; Spain, $65. Total..... 38,363

Hose for Fire Brigades.—Val., $2.50; K. G., free.
Great Britain, $415. Total..... 415

Hose.—Val., $2.50; K. G., 25%.
United States, $635; Great Britain, $4,065; Germany, $3,065; France, $260. Total..... 8,025

Hemp Passementerie.—Val. Var.; K. I., 25%.
Italy, $165; France, $171; Germany, $1,911; Great Britain, $30. Total 2,277

Passementerie.—Val., $8; K. I., 15%.
Italy, $88; Great Britain, $4,184; Germany, $2,736; France, $968. Total..... 7,976

Passementerie, with Wool and Silk Linings.—Val., $8; K. I., 35%.
Germany, $144. Total..... 144

House Line Rope, Etc., Not Tarred.—Val., $1; K. G., 35%.
United States, $521; Italy, $655; France, $234; Germany, $2,441; Great Britain, $1,606. Total..... 5,457

House Line Rope, Etc., Tarred.—Val., $0.80; K. G., 35%.
United States, $308; Great Britain, $480. Total..... 788

Fishing Nets.—Val., $4; K. I., free.
Great Britain, $116; Australia, $632; France, $8. Total..... 756

Canvas Bags for Travelling.—Val., $2; K. N., 35%.
Great Britain, $170; Germany, $62; France, $210. Total..... 442

Sacks, Various.—Val. Var.; K. G., 15%.
Great Britain, $3,241,079; Germany, $10,525; India, $2,049,386; Australia, $154,948. Total..... 5,455,938

Sacks for Metals, Various.—Val. Var.; K. G., free.
United States, $4,353; Great Britain, $17,489; Germany, $9,380; India, $63,082. Total..... 94,304

Hats, Common, of Rush Palm, Etc., for Men or Boys.—Val. Var.; Doz., 25%.
Great Britain, $6,108; Germany, $16,967; France, $3,125; Belgium, $4,000; Italy, $255; Peru, $486. Total..... 30,941

Hats, Common, of Rush Palm, Etc., for Women and Girls.—Val. Var.; Doz., 25%.
Great Britain, $568; Germany, $7,960; France, $7,852; Belgium, $2,500; Italy, $264. Total..... 19,144

Hats of Agave.—Val. Var.; K. N., 35%.
United States, $42; Great Britain, $2,351; Germany, $291; France, $1,530; Italy, $1,022; Panama, $98; Colombia, $168; Ecuador, $7,070; Peru, $3,048. Total..... $15,620

Hats for Women and Girls, Superior.—Val. Var.; Doz., 35%.
Great Britain, $10,974; Germany, $31,475; France, $48,925; Italy, $3,581; China, $14. Total..... 94,969

Straw Hats for Men.—Val. Var.; Doz., 35%.
United States, $1,104; Great Britain, $50,568; Germany, $88,803; France, $88,559; Italy, $6,500; Belgium, $153,425; Spain, $72. Total 389,031

Canvas Prepared for Oil Painting.—Val., $2.50; K. N., 25%.
Great Britain, $60; Germany, $30. Total..... 90

Awnings or Tents.—Val., $1.60; K. N., 35%.
Great Britain, $8,648; Germany, $600; Spain, $432. Total..... 9,680

Window Shades.—Val., $5; K. N., 35%.
Germany, $480. Total 480

Shag or Plush.—Val., $1; K. N., 35%.
Great Britain, $1,426; Germany, $1,270; France, $754. Total.... 3,450

Total, hemp, straw, jute, etc.....$7,089,690

2. COTTON—RAW MATERIAL.

Raw Cotton with Seeds.—Val., $0.40; K. G., free.
Germany, $40; France, $584. Total..... $624

Raw Cotton Without Seeds.—Val., $0.80; K. G., free.
Great Britain, $984; Germany, $4,160; France, $8,816. Total.... 13,960

Filaments or Threads.—Val. Var.; 25%.
United States, $4,642; Great Britain, $215,624; Germany, $4,630; France, $4,642; Italy, $1,990. Total..... 228,234

Yarn in Balls or Hanks, etc., for Sewing or Darning.—Val., $3.80; K. I., 25%.
United States, $399; Great Britain, $197,638; Germany, $90,326; France, $31,388. Total 319,751

Yarn for Weaving Embroidery or Marking.—Val., $3.80; K. I., free.
United States, $399; Great Britain, $121,695; Germany, $1,979,990; France, $93,005; Belgium, $107,065; Italy, $308,275. Total..... 2,610,429

Thread or Yarn for Sewing Sacks or Sails, or for Packing.—Val., $0.75; K. G., 25%.
United States, $9,600; Great Britain, $3,243; Germany, $6; France, $36; Italy, $51. Total..... 12,936

Yarn in Spools.—Val. Var.; Doz., 25%.
Italy, $4,840; Great Britain, $731,900; Germany, $40,044; France, $33,459. Total 810,243

Yarn Spun with Common Metal for Weaving.—Val., $5; K. I., free.
Germany, $595; France, $80. Total..... 675

MANUFACTURES.

Quilts.—Val., $1.20; K. N., 25%.
Great Britain, $1,500; Germany, $7,344; Italy, $216; France, $3,336; Spain, $288. Total..... $12,684

Huckaback and Damasks.—Val., $3; K. N., 25%.
Great Britain, $4,485; Germany, $13,449; France, $2,316; Belgium, $1,440; Italy, $8,658; Switzerland, $1,176. Total..... 31,524

Bolsters, Pillows and Cushions.—Val. Var.; K. N., 25%.
United States, $325; Great Britain, $367; Germany, $429; France, $78. Total 1,199

Knitted Goods.—Val. Var.; 35%.
Great Britain, $528; Germany, $8,045; France, $1,017; Italy, $456. Total 10,046

Bandages, Scarves or Abdominal Belts.—Val., $16; K. I., 25%.
Great Britain, $224; Germany, $1,104; France, $368. Total..... 1,696

Bath Gowns and Caps.—Val., $3; K. N., 60%.
Great Britain, $51; India, $81. Total..... 132

Satchels for Collegians.—Val. Var.; Doz., 25%.
Great Britain, $28; Germany, $682; France, $48. Total..... 758

Embroidery Upon Cloth.—Val., $8; K. N., 25%.
Germany, $976. Total..... 976

Buttons, Covered.—Val. Var.; K. I., 25%.
Great Britain, $128; Germany, $1,164; France, $435. Total.... 1,727

Linen Stuffs.—Bramant and Osnaburgs.—Val., $1.50; K. N., 25%.
United States, $11,253; Great Britain, $103,311; Italy, $642; Germany, $12,129; France, $4,053; Spain, $192. Total..... 131,580

Sailcloths, Drills, or Other Stuffs for Costumes.—Val., $1,80; K. N., 25%.
United States, $3,969; Great Britain, $1,164,726; Germany, $1,358,919; France, $55,647; Belgium, $18,864; Italy, $292,302; Spain, $7,371; Switzerland, $18,945. Total 2,920,743

Half Hose and Undershirts in Imitation Scotch or Persian Linens.—Val., $8; K. I., 35%.
United States, $16; Great Britain, $8,080; Germany, $65,936; Italy, $48; France, $18,664; Belgium, $216; Spain, $1,240. Total..... 94,200

Socks, Drawers, Shirts, etc.—Val., $5; K. I., 35%.
United States, $2,350; Great Britain, $225,330; Belgium, $345; Germany, $1,095,900; France, $123,255; Switzerland, $19,350; China, $5; Argentina, $20. Total..... 1,887,725

Drawers.—Val., $4.50; K. I., 60%.
Great Britain, $486; Germany, $801; France, $1,143. Total..... 2,430

Bathing Drawers.—Val., $4; K. N., 35%.
Great Britain, $584; Germany, $956; France, $1,228; Italy, $240. Total 3,008

Flannel Shirts.—Val., $3; K. I., 60%.
Spain, $15; France, $45; Germany,, $78; Great Britain, $2,691.
Total $2,829

Men's Shirts.—Val., $36; 60%.
United States, $36; Great Britain, $20,628; Germany, $20,302; France, $5,040; Italy, $576; Spain, $72. Total..... 46,656

Covers and Caps for Horses.—Val. Var.; K. N., 25%.
Great Britain, $261; France, $64; Argentina, $51. Total..... 376

Capes, Raglans, Hoods, Waterproof, Sewn.—Val., $10; K. N., 60%.
Great Britain, $2,240; Germany, $810; France, $1,070. Total.... 4,120

Writing Cases, Pocket Books and Card Cases of Oilcloth.—Val. Var.; Doz., 25%.
Great Britain, $48; Germany, $1,878; Italy, $24. Total..... 1,950

Tablecloths, Covers and Mats.—Val. Var.; 35%.
Great Britain, $2,946; Germany, $6,248; Spain, $276; France, $3,828; Italy, $1,288; Switzerland, $108. Total..... 14,694

Coats in Oilskin or Tarpaulin.—Val., $1.20; K. N., 60%.
United States, $624; Great Britain, $210. Total..... 834

Cotton Cambric.—Val., $2; K. N., 25%.
United States, $7,926; Great Britain, $226,444; Germany, $24,716; France, $21,874; Italy, $1,122; Spain, $482; Switzerland, $236; Argentina, $830. Total..... 283,630

Belts.—Val., $6; K. I., 35%.
Great Britain, $2,742; Germany, $4,920; France, $3,330; Italy, $282; Spain, $126. Total..... 11,400

Quilts, Bedspreads and Eiderdowns.—Val., Var.; K. N., 25%.
United States, $4,797; Great Britain, $152,587; Germany, $120,831; France, $20,004; Italy, $40,764; Belgium, $378; Spain, $1,728; Switzerland, $1,602; China, $96. Total..... 342,787

Mattresses.—Val., $1.30; K. N., 60%.
United States, $79; Great Britain, $260; Germany, $78; France, $39; Italy, $39. Total..... 494

Wreaths, Crosses and Other Funeral Decorations of Artificial Flowers.—Val., $8; K. N., 60%.
Germany, $264. Total 264

Curtains and Shades.—Val. Var.; 35%.
United States, $64; Great Britain, $20,540; Germany, $19,098; China, $8; France, $12,372; Spain, $1,000; Switzerland, $2,144.
Total 55,226

Tickings, Ducks, Shirtings, Printed Cottons, etc.—Val. Var.; K. N., 25%.
United States, $8,859; Great Britain, $243,812; Germany, $98,548; France, $5,083; Belgium, $7,461; Italy, $3,045; Spain, $999; Switzerland, $770. Total 368,577

Cravats.—Val., $10; K. I., 60%.
Italy, $80; France, $1,260; Germany, $1,190; Great Britain, $920.
Total 3,450

Corsets and Corset Covers.—Val. Var.; Doz., 60%.
Spain, $120; Italy, $40; Belgium, $6,036; France, $17,784; Germany, $4,384; Great Britain, $6,756. Total..... $35,120

Cotton Lace Collars.—Val., $30; K. I., 35%.
Germany, $1,110; France, $30. Total..... 1,140

Elastic for Belts.—Val., $6; K. N., 25%.
United States, $6; Great Britain, $4,878; Germany, $15,318; France, $34,422; Italy, $1,350; Argentina, $240. Total..... 56,214

Elastic for Footwear.—Val., $6; K. N., 5%.
Italy, $1,752; France, $12,714; Germany, $2,316; Great Britain, $1,876. Total 18,660

Laces and Blond Laces.—K., without boxes, 35%.
Great Britain, $282,660; Germany, $266,840; Belgium, $80; Spain, $1,460; France, $90,420; Italy, $10,420; Switzerland, $3,740; Argentina, $120. Total 655,740

Flutings, Ruffs, Plaitings, Slightly Mixed Silk.—Val., $25; K., without boxes, 25%.
Germany, $25. Total 25

Flutings, Ruffs, Pleatings.—Val., $25; K., without boxes, 35%.
Germany, $25. Total 25

Flutings, Ruffs, Pleatings, Sewn.—Val. Var.; K., without boxes, 60%.
Great Britain, $75; ———, $88. Total..... 163

Tarpaulin or Oil Silk.—Val., $0.80; K. G., 25%.
United States, $2,212; Great Britain, $69,892; Germany, $38,316; France, $10,280; Italy, $196; Austria, $132. Total..... 121,028

Canvas and Ferret Lace for Embroidery.—Val., $3; K. N., 15%.
Great Britain, $132; Germany, $2,868; France, $153. Total..... 3,153

Cloth Labels.—Val., $3; K. I., 60%.
Italy, $30; France, $15; Germany, $3; Great Britain, $3. Total.. 51

Tapes.—Val., $6; K. I., 25%.
Great Britain, $660; Germany, $546; Italy, $12. Total..... 1,218

Filters.—Val., $2; K. I., 5%.
Great Britain, $6; Germany, $4,758; France, $582. Total..... 5,346

Fringes.—Val. Var.; K. I., 35%.
Italy, $2,230; Great Britain, $130; Germany, $2,989; France, $405. Total 5,754

Artificial Flowers.—Val., $4; K. I., 35%.
United States, $132; Italy, $88; France, $5,252; Germany, $8,660; Great Britain, $1,248. Total 15,380

Flannel.—Val. Var.; K. N., 25%.
United States, $539,319; Great Britain, $112,116; Spain, $85; Germany, $51,170; France, $2,958; Belgium, $731; Italy, $4,879. Total 711,258

Blankets.—Val. Var.; K. N., 25%.
United States, $72; Great Britain, $26,436; Germany, $53,490; France, $3,084; Italy, $6,456; Spain, $3,288; Switzerland, $372. Total 93,198

Gauze, Tulle and Mesh for Curtains.—Val., $4; K. N., 25%.
Spain, $56; Great Britain, $8,348; Germany, $4,132; France, $3,116.
Total $15,652

Openwork Fabrics.—Val., $2,50; K. N., 25%.
Great Britain, $1,755; Germany, $2,210; France, $315. Total.... 4,280

Waxed Cloth for Shades.—Val., $1.50; K. I., 25%.
Great Britain, $1,362. Total 1,362

Cloth for Tapestry or Curtains with Silk.—Val., $8; K. N., 35%.
Great Britain, $3,176; Germany, $4,592; France, $8,600; Belgium, $256; Italy, $1,664. Total..... 18,288

Cloth for Tapestry and Curtains.—Val. Var.; K. N., 25%.
Great Britain, $19,207; Germany, $9,811; Italy, $510; Belgium, $11,325; France, $15,833. Total $56,686

White Cloth, Plain or Twilled.—Val., $1.50; K. N., 25%.
United States, $47,295; Great Britain, $3,151,023; Germany, $260,319; France, $2,156,220; Spain, $3,993; Switzerland, $240.
Total 5,639,808

Unbleached Cloth.—Val., $1.10; K. N., 25%.
Great Britain, $344,069. Total 344,069

Cloth Tricote Point.—Val., $1.80; K. N., 25%.
Great Britain, $18,648; Germany, $3,924; France, $45; Italy, $3,069; Spain, $468. Total 26,154

Cloth for Bookbinders.—Val., $2.50; K. N., 5%.
Great Britain, $12,480; Germany, $10,350; France, $1,000; Belgium, $950; Italy, $100. Total..... 24,880

Cloths for Rugs or Blankets.—Val. Var.; K. N., 25%.
Great Britain, $3,416; Germany, $8,590; France, $175. Total.... 12,181

Cloth for Clothes or Lining.—Val., $3; K. N., 25%.
United States, $324; Great Britain, $4,507,347; Germany, $1,160,505; France, $327,483; Belgium, $18,171; Italy, $251,277; Spain, $48,162; Switzerland, $30,939; China, $58,383. Total..... 6,402,591

Cloths for Dress or Lining Slightly Mixed Silk.—Val., $8; K. N., 35%.
Great Britain, $4,552; Germany, $2,928; France, $6,792; Italy, $1,112; Switzerland, $160; Spain, $32. Total..... 15,576

Cloth Woven for Towels, etc.—Val., $2; K. N., 25%.
Italy, $94; France, $466; Germany, $840; Great Britain, $626.
Total 2,026

Cloth for Kitchen Cloths.—Val., $2; K. N., 25%.
Great Britain, $1,788; Spain, $334. Total..... 2,122

Caps, Assorted.—Val. Var.; Doz., 35%.
United States, $48; Great Britain, $2,846; Germany, $1,196; France, $2,232; Italy, $1,180. Total 7,502

Knitted Caps for Babies.—Val., $20; K. I., 35%.
Germany, $40; France, $480. Total..... 520

Gloves.—Val. Var.; K.; without boxes, 35%.
United States, $170; Great Britain, $8,659; Germany, $36,516; France, $7,812; Italy, $36; Switzerland, $162. Total..... 53,555

Trimmings and Linings for Hats.—Val., $4; K. N., 25%.
Great Britain, $2,844; Germany, $432; France, $3,280; Italy, $408.
Total $6,964

Leaves for Florists.—Val., $16; K. I., 15%.
Germany, $3,728; France, $1,072. Total..... 4,800

Lawn, etc., for Linings.—Val. Var.; K. N., 25%.
Great Britain, $11,148; Germany, $22,982; France, $5,177; Italy, $10,072; Switzerland, $6,864. Total 56,243

Canvas or Sailcloth.—Val. Var.; K. N., 25%.
United States, $26,236; Great Britain, $68,040; Germany, $5,817; France, $1,158; Spain, $1,944. Total..... 103,195

Ship Canvas.—Val., $1.40; K. N., 15%.
United States, $64,596; Great Britain, $41,426; Germany, $5,068; France, $581. Total 111,671

Hose.—Val., $2.50; K. G., 25%.
Great Britain, $6,895; Germany, $6,080; France, $850; Belgium, $1,270. Total 15,095

Hose for Fire Brigades.—Val., $2.50; K. G., free.
Great Britain, $5,360. Total 5,360

Blankets, Shawls, Rugs for Travelling.—Val. Var.; K. N., 35%.
Great Britain, $456; Germany, $6,343; France, $4. Total..... 6,803

Table Cloths and Serviettes.—Val., $3.50; K. N., 25%.
Great Britain, $2,408; Germany, $33,712; France, $3,339; Italy, $18,417; Spain, $42; Switzerland, $973. Total..... 58,891

Cotton Mantillas.—Val., $30; K. I., 25%.
France, $240. Total 240

Masks.—Val., $20; K. I., 60%.
Great Britain, $600; Germany, $100. Total 700

Wicks or Lamps, Stoves, etc.—Val., $2; K. I., 25%.
United States, $730; Great Britain, $5,272; Germany, $10,776; France, $160; Belgium, $448; Italy, $682. Total..... 18,068

Wicks, Sulphured.—Val., $0.30; K. G., 25%.
Great Britain, $69; Germany, $78; France, $69. Total..... 216

Wicks for Incandescent Light.—Val., $10; K. I., 25%.
United States, $2,590; Great Britain, $17,410; Germany, $31,930; France, $610; Belgium, $100. Total..... 52,640

Elastic Stockings for Invalids.—Val., $15; K. N., 35%.
Great Britain, $60; Germany, $945; France, $225. Total..... 1,230

Swansdown for Lining.—Val., $1.20; K. N., 25%.
Great Britain, $354; Germany, $306; France, $750; Italy, $6.
Total 1,416

Osnaburgs.—Val., $0.90; K. N., 15%.
United States, $784,530; Italy, $846; France, $540; Germany, $66,942; Great Britain, $285,318. Total 1,138,176

Oxfords.—Val. Var.; K. N., 25%.
United States, $57; Great Britain, $739,947; Spain, $378; Switzerland, $115,314; Germany, $42,621; France, $10,686; Italy, $7,371. Total..... $916,374

Wick.—Val., $1.20; K. N., 5%.
United States, $6,090; Great Britain, $13,908; Germany, $15,324; France, $5,970; Belgium, $2,040. Total..... 43,332

Kitchen Cloths.—Val. Var.; K. N., 25%.
Great Britain, $140; France, $30; Italy, $285. Total..... 455

Handkerchiefs.—Val., $4; K. N., 25%.
Great Britain, $398,308; Germany, $44,376; Spain, $200; Switzerland, $148; Italy, $8,904; France, $25,032. Total..... 477,068

Handkerchiefs with Silk Initials.—Val., $9; K. N., 35%.
Great Britain, $1,828; Germany, $27; France, $144. Total..... 1,999

Handkerchiefs with Embroidery or Lace.—Val., $20; K. N., 25%.
Germany, $240. Total..... 240

Kerchiefs, Scarfs and Shawls.—Val., $2.50; K. N., 25%.
Great Britain, $9,290; Germany, $142,945; France, $1,700; Italy, $2,675; Spain, $4,350; Switzerland, $590. Total..... 161,550

Umbrellas and Parasols.—Val. Var.; Doz., 25%.
United States, $16; Italy, $57,436; France, $7,059; Germany, $49,874; Great Britain, $16,509. Total..... 130,894

Passementerie.—Val. Var.; K. I., 25%.
United States, $280; Great Britain, $129,292; Germany, $208,878; France, $54,380; Belgium, $5,195; Italy, $21,921; Spain, $1,210; Switzerland, $255; Argentina, $36. Total..... 421,447

Passementerie, Slightly Mixed Silk.—Val. Var.; K. I., 35%.
United States, $8; Great Britain, $2,987; Germany, $14,324; France, $423,882; Italy, $3,200; Argentina, $16. Total..... 444,417

Dimity, Pique, Etc.—Val., $3; K. N., 25%.
Great Britain, $185,241; Germany, $78,336; France, $2,688; Spain, $1,362; Italy, $8,961. Total..... 276,588

Collars and Cuffs.—Val. Var.; Doz., 60%.
Italy, $336; France, $10,885; Germany, $8,959; Great Britain, $817. Total..... 20,997

Embroidered Cuttings.—Val. Var.; K., without boxes, 25%.
Great Britain, $19,964; Germany, $156,824; France, $38,402; Italy, $63,630; Switzerland, $51,534. Total..... 330,372

Cloth Cuttings for Hats and Caps.—Val., $3; K. I., 15%.
Italy, $1,524; France, $1,968; Germany, $1,482; Great Britain, $114. Total..... 5,088

Cuttings Embroidered with Silk.—Val., $25; K., without boxes, 35%.
Germany, $1,440; France, $490; Spain, $2,250. Total..... 4,270

Apparel, Cut, Not Sewn.—Val. Var.; K. N., 25%.
Great Britain, $1,704; Germany, $2,106; France, $596; Switzerland, $284. Total..... 4,690

Garments, Knitted, Tricote Point.—Val. Var.; K., 35%.
United States, $270; Great Britain, $1,066; Germany, $7,727; France, $609. Total..... $9,672

White Material for Clothing.—Val. Var.; K., 60%.
United States, $80; Great Britain, $4,658; Germany, $7,402; France, $7,867; Italy, $823; Spain, $60; Switzerland, $72; Argentina, $42. Total..... 21,004

Bed Linen.—Val. Var.; K., 35%.
United States, $5; Spain, $204; France, $5; Germany, $87; Great Britain, $134. Total..... 435

Sacks of Osnaburg, or Coarse Sheeting.—Val., $1.10; K. G., 15%.
Peru, $154. Total..... 154

Grip Sacks and Bags.—Val., $2; K. N., 35%.
Great Britain, $168; Germany, $242; France, $94. Total..... 504

Dress Preservers.—Val., $7; K. N., 25%.
Italy, $56; France, $5,740; Germany, $3,451; Great Britain, $2,478. Total..... 11,725

Hats for Men and Boys.—Val. Var.; Doz., 35%.
Italy, $2,220; France, $2,592; Germany, $1,248; Great Britain, $2,398. Total..... 8,458

Hats for Women and Girls.—Val. Var.; 35%.
Great Britain, $60; Germany, $48; Italy, $120. Total..... 228

Blocks for Hats.—Val., $4; Doz., 35%.
Great Britain, $1,700; Germany, $56; France, $40. Total..... 1,796

Waterproof Cloth, Etc.—Val., $4; K. N., free.
Great Britain, $15,716; Germany, $6,696; France, $4,240. Total.. 26,652

Cloth Prepared for Oil Painting.—Val., $2.50; K. N., 25%.
United States, $30; Great Britain, $6,365; Germany, $2,420; France, $460; Spain, $795. Total..... 10,070

Velvet and Plush.—Val., $6.60; K. N., 25%.
Great Britain, $36,564; Germany, $64,647; France, $15,510; Italy, $3,960; Switzerland, $2,442. Total..... 123,123

Sheeting.—Val., $1.20; K. N., 25%.
United States, $265,872; Great Britain, $1,077,852; Germany, $135,534; France, $7,572; Italy, $6,480. Total..... 1,493,310

Towels, Cloths and Sheets.—Val. Var.; K. N., 25%.
United States, $2,008; Great Britain, $97,620; Germany, $30,239; France, $28,188; Italy, $16,055; Spain, $11,552; Peru, $315; Argentina, $15. Total..... 185,992

Braces, Suspenders and Garters.—Val. Var.; K. I., 35%.
United States, $394; Italy, $1,420; France, $7,978; Germany, $10,310; Great Britain, $4,494. Total..... 24,596

Awnings and Tents.—Val., $1.60; K. N., 25%.
United States, $32; Great Britain, $1,680; Germany, $864; France, $768. Total..... 3,344

Suits, Etc., for Men and Boys.—Val. Var.; K. N., 60%. United States, $85; Great Britain, $3,608; Germany, $5,799; France, $755; Spain, $30. Total	$10,277
Dresses, Etc., for Women and Girls.—Val. Var.; K. N., 60%. United States, $114; Great Britain, $2,718; Germany, $3,964; France, $3,374; Italy, $142; China, $50; Japan, $211. Total	10,573
Shags.—Val. Var.; K. N., 25%. Great Britain, $1,665; Germany, $385; France, $75. Total	2,125
Total Cotton	$31,350,519

3. LINEN.

Thread, in Spools, for Sewing and Darning.—Val. Var.; Doz., 25%. Great Britain, $808; Germany, $1,472; France, $464. Total	$2,744
Thread, in Balls, for Sewing and Darning.—Val. Var.; K. I., 25%. Great Britain, $5,106; Germany, $54,732; France, $19,197; Belgium, $27. Total	79,062
Thread for Sewing Sails, Etc., or for Packing.—Val., $0.75; K. G., 25%. Great Britain, $15; Germany, $873; France, $891; Belgium, $18. Total	1,297
Thread for Weaving, Embroidery or Marking.—Val., $6; K. I., free. Great Britain, $42. Total	42

MANUFACTURES.

Huckaback and Damasks.—Val., $4.50; K. N., 35%. Great Britain, $9,369; Germany, $24,786; France, $19,719; Belgium, $2,700; Italy, $3,906; Switzerland, $1,971. Total	$62,451
Bolsters, Pillows, Cushions, Etc.—Val., $1.30; K. N., 25%. United States, $130; Great Britain, $247; Germany, $78. Total	455
Pillows Stuffed with Feathers.—Val., $6.10; K. I., 25%. Great Britain, $576; France, $120. Total	696
Linen Articles.—Val. Var.; K. I., 35%. Great Britain, $501; Germany, $225; France, $296; Italy, $240. Total	1,262
Buttons, Woven or Covered.—Val. Var.; K. I., 25%. Great Britain, $241; Germany, $228. Total	469
Bramant Linen, Stuffs, Printed Stuffs, Etc.—Val., $3; K. N., 35%. United States, $573; Great Britain, $8,526; Germany, $12,105; France, $18,480; Belgium, $2,415; Italy, $720; Spain, $273. Total	43,092
Brittany Linen, Batistes, Cambrics, Etc.—Val., $7; K. N., 35%. Great Britain, $34,860; Germany, $4,424; France, $11,466; Belgium, $1,638; Italy, $49; Spain, $63. Total	52,500
Sail Cloth, Drills, Etc.—Val. Var.; K. N., 25%. Great Britain, $37,257; Germany, $15,296; France, $22,083; Belgium, $4,146; Italy, $538; Switzerland, $378; Ecuador, $308. Total	80,006

Socks.—Val., $12; K. I., 35%.
Great Britain, $816; Germaany, $1,380; France, $780. Total.... $2,976

Shirts for Men.—Val., $8; Each, 6%.

Table Covers, Cloths, Rugs, Etc.—Val. Var.; K. N., 35%.
Great Britain, $369; Germany, $752; France, $395; Italy, $50.
Total 1,566

Cotton Cambric.—Val., $3; K. N., 25%.
Great Britain, $1,884; Germany, $204; France, $723. Total..... 2,811

Belts.—Val., $6; K. I., 35%.
Great Britain, $12; France, $168; Italy, $648. Total..... 828

Mattresses.—Val., $1.30; K. N., 60%.
United States, $143; Great Britain, $234. Total..... 377

Belting for Machinery.—Val., $2.50; K. G., 5%.
Great Britain, $2,625; Germany, $1,760. Total..... 4,385

Corsets and Corset Bodices.—Val. Var.; Each, 60%.
Great Britain, $8; Germany, $40; France, $752; Italy, $1,780.
Total 2,580

Curtains and Shades.—Val. Var.; K. N., 35%.
Great Britain, $15; Germany, $462; China, $64. Total..... 541

Tickings, Striped, Etc.—Val. Var.; K. N., 25%.
Great Britain, $2,028; Germany, $10,694; France, $3,780; Italy,
$2,055; Spain, $495. Total..... 19,052

Laces, Blond Laces, Etc.—Val., $0.05; G., without boxes, 35%.
Great Britain, $3,290; Germany, $3,280; France, $555; Italy,
$115; Spain, $850. Total..... 8,090

Canvas and Ferret Lace for Embroidery.—Val., $3; K. N., 15%.
Great Britain, $69; Germany, $192; France, $15. Total..... 276

Cloth for Interlining.—Val., $2; K. N., 25%.
Great Britain, $11,644; Germany, $11,176; France, $17,316;
Belgium, $2,732. Total..... 42,868

Cloth for Kitchen Cloths.—Val., $2; K. N., 25%.
United States, $140; Great Britain, $1,582; Germany, $206;
France, $934; Belgium, $138. Total..... 3,000

Caps, Assorted.—Val. Var.; Doz., 35%.
Great Britain, $444; Germany, $84. Total..... 528

Gloves.—Val., $18; K., without boxes, 35%.
Great Britain, $108; Germany, $198; France, $1,062; Belgium,
$18. Total..... 1,386

Sail Cloth for Ships.—Val., $1.40; K. N., 15%.
Great Britain, $143,633; Germany, $2,401; France, $119. Total.. 146,153

Sail Cloth and Canvas for Other Purposes.—Val. Var.; K. N., 25%.
United States, $1,156; Great Britain, $18,625; Germany, $12,594;
France, $7,432; Belgium, $626. Total..... 40,432

Hose, Fire.—Val., $2.50; K. G., 25%.
Great Britain, $2,335; Germany, $1,080; France, $600. Total.... 4,015

Table Cloths and Serviettes.—Val. Var.; K. I., 35%. United States, $50; Great Britain, $9,005; Germany, $25,824; France, $10,680; Belgium, $670; Italy, $3,440; Spain, $150; Switzerland, $1,670. Total	$51,489
Hose for Men, Women and Children.—Val., $10; K. I., 35%. Great Britain, $2,590; Germany, $10; France, $1,110. Total	3,710
Netted Game Bags.—Val., $5; K. N., 35%. United States, $40; Great Britain, $175; Germany, $925; France, $195. Total	1,335
Towels and Cloths for Personal Use.—Val. Var.; K. N., 25%. United States, $6; Great Britain, $3,334; Germany, $2,602; France, $3,467; Belgium, $126; Italy, $2,058; Spain, $618. Total	12,211
Towels and Cloths, with Embroidery or Monograms.—Val., $10; K. I., 35%. Great Britain, $750; Germany, $70; France, $210; Italy, $130. Total	1,160
Kitchen Cloths.—Val., $2.50; K. N., 25%. United States, $50; Great Britain, $1,495; Germany, $2,220; France, $1,405; Italy, $350; Spain, $2,100; Switzerland, $85. Total	7,705
Handkerchiefs.—Val. Var.; K. N., 35%. Great Britain, $17,240; Germany, $4,300; France, $9,320; Belgium, $40; Italy, $420; Spain, $60. Total	31,380
Passementerie.—Val. Var.; K. I., 25%. Great Britain, $2,595; Germany, $6,905; France, $1,695; Italy, $590; Spain, $375; Argentina, $5. Total	12,165
Collars and Cuffs.—Val. Var.; Doz., 60%. Great Britain, $21,421; Germany, $22,838; France, $6,960; Italy, $895; Spain, $25. Total	52,139
Cuttings, Embroidered.—Val. Var.; K., without boxes, 25%. Great Britain, $586; Germany, $1,004; France, $744; Italy, $96. Total	2,430
White Cloth for Clothing.—Val. Var.; K. N., 60%. Great Britain, $896; Germany, $418; France, $1,203. Total	2,517
Bed Linen.—Val. Var.; K. N., 35%. Great Britain, $2,788; Germany, $1,075; France, $4,271; Italy, $304. Total	8,438
Clothing, Cut, Not Sewn.—Val. Var.; K. N., 35%. France, $635. Total	635
Bath Sheets, Wrappers and Caps.—Val., $3; K. N., 25%. Great Britain, $3,525; Germany, $2,268; France, $438. Total	6,231
Cloth or Canvas Prepared for Painting.—Val., $2.50; K. N., 25%. Great Britain, $95; Germany, $70. Total	165
Velvet and Plush.—Val., $6.60; K. N., 25%. Great Britain, $9,801; Germany, $18,579; France, $25,575. Total	53,955

Awnings and Tents.—Val., $1.60; K. N., 25%.
Great Britain, $856. Total $856

Suits, Etc., for Men and Boys.—Val. Var.; K. N., 60%.
Great Britain, $155; Germany, $4,435; France, $105; Belgium, $10. Total 4,705

Dresses, Etc., for Women and Girls.—Val. Var.; K. N., 60%.
United States, $30; Great Britain, $4,464; Germany, $158; France, $1,062. Total 2,714

Total Linen $863,572

4. WOOL.—RAW MATERIAL.

Yarn for Sewing and Darning.—Val., $5; K. I., 25%.
Great Britain, $24,710; Germany, $335,440; France, $2,765; Italy, $24,775. Total $387,690

Yarn for Weaving Embroidery or Marking.—Val. Var.; K. I., free.
Great Britain, $2,080; Germany, $108,390; France, $3,655; Spain, $185. Total 114,310

Filaments.—Val., $0.80; K. G., 25%.
Great Britain, $832. Total 832

Washed Wool.—Val., $0.80; K. G., 25%.
Great Britain, $6,356; Germany, $616; France, $700. Total 7,672

MANUFACTURES.

Quilts.—Val., $2.51; K. N., 25%.
Germany, $1,930; France, $5,795. Total $7,725

Floor Carpets.—Val. Var.; K. N., 35%.
United States, $3,245; Great Britain, $52,519; Germany, $37,945; France, $22,820; Belgium, $2,622; Spain, $388; Argentina, $32. Total 119,571

Church Carpets.—Val., $6; K. I., 35%.
Great Britain, $1,572; Germany, $420; France, $1,440. Total 3,432

Bolsters, Pillows, Cushions.—Val., $1.30; K. I., 25%.
United States, $26; Great Britain, $26. Total 52

Knitted Goods.—Val. Var.; K. I., 35%.
Italy, $320; France, $7,406; Germany, $45,344; Great Britain, $8,306. Total 61,376

Baizes.—Val., $3; K. N., 25%.
United States, $573; Italy, $699; France, $1,833; Germany, $58,053; Great Britain, $213,279. Total 274,437

Woollen Caps.—Val., $12; K. N., 35%.
Germany, $504. Total 504

Embroideries.—Val. Var.; K. N., 25%.
Great Britain, $60; Germany, $350; France, $1,194; Switzerland, $225. Total 1,829

Embroideries With Silk.—Val. Var.; K. N., 35%.
Great Britain, $336; Germany, $454; France, $538. Total..... $1,328

Boots and Leggings.—Val. Var.; K. N., 35%.
Great Britain, $1,040; Germany, $936; France, $2,609; Italy, $40.
Total 4,625

Buttons, Covered.—Val., $5; K. I., 25%.
Great Britain, $245; Germany, $1,340; France, $1,395; Italy, $10.
Total 2,990

Half Hose for Men and Boys.—Val. Var.; K. I., 35%.
Great Britain, $29,881; Germany, $12,032; France, $10,864; Italy, $182; Belgium, $568. Total..... 53,527

Drawers, Undershirts and Shirts.—Val., $8; K. I., 35%.
Great Britain, $36,336; Germany, $81,488; France, $35,344; Belgium, $120; Italy, $17,968. Total 171,256

Shapes and Casings for Hats.—Val. Var.; K. N., 15%.
Great Britain, $3,705; Germany, $3,134; France, $8,043; Italy, $25,339; Panama, $20. Total 40,241

Covers and Capes for Horses.—Val., $3; K. N., 25%.
Great Britain, $1,191; Germany, $660; France, $1,917. Total.... 3,768

Table Cloths, Covers and Rugs.—Val. Var.; K. N., 35%.
Great Britain, $3,299; Germany, $4,329; France, $3,665; Italy, $98. Total 11,391

Overcoats and Capes for Travelling.—Val. Var.; K. N., 60%.
Great Britain, $4,156; Germany, $1,058. Total..... 5,214

Cassimeres.—Val., $4.50; K. N., 25%.
Great Britain, $2,159,838; Germany, $1,053,135; France, $636,084; Belgium, $49,644; Italy, $74,430; Spain, $5,517; Switzerland, $27,009. Total 4,005,657

Cassimeres With Silk.—Val., $4.50; K. N., 35%.
Great Britain, $2,025; Germany, $3,978; France, $126; Italy, $684. Total 6,813

Girths, Surcingles and Trusses.—Val., $3; K. N., 25%.
Great Britain, $486; Germany, $18. Total 504

Bands of Wool and Mixtures for Girths.—Val., $8; K. I., 25%.
Germany, $952. Total 952

Tapes or Abdominal Belts.—Val. Var.; K. N., 25%.
Italy, $1,328; France, $202; Germany, $2,462; Great Britain, $311.
Total 4,303

Belts.—Val., $12; K. I., 35%.
Germany, $540; France, $132. Total..... 672

Coverlets or Blankets for Travelling.—Val., $7; K. N., 25%.
Germany, $140; France, $126; Italy, $14. Total 280

Quilts, Bedspreads and Eiderdowns.—Val. Var.; K. N., 35%.
Germany, $1,788. Total 1,788

Curtains and Shades.—Val. Var.; K. N., 35%.
Great Britain, $2,590; Germany, $2,800; France, $1,140. Total.. 6,530

Elastic for Footwear.—Val., $6; K. N., 5%.
Germany, $4,230; France, $3,492; Belgium, $666. Total..... $8,388

Lace and Blond Laces.—Val., $18; K., without boxes, 35%.
Great Britain, $36; France, $18. Total 54

Canvas and Ferret Lace for Embroidery.—Val., $7; K. N., 15%.
Germany, $203; France, $7. Total..... 210

Felt for Aprons and Sudatories.—Val., $2; K. G., 25%.
Austria, $174; France, $7,220; Germany, $62,284; Great Britain, $3,782. Total 73,460

Felt or Thin Cloth for Clothing or Tables.—Val., $3.50; K. N., 25%.
Great Britain, $2,464; Germany, $3,885; France, $10,045. Total... 16,394

Felt for Ink Rollers or for Machinery.—Val.
United States, $264; Great Britain, $4,624; Germany, $24,000; France, $10,704. Total..... 39,592

Felt for Piano Hammers.—Val., $12.; K. N., free.
Germany, $684. Total..... 684

Felt with Silk for Clothing.—Val., $6; K. N., 35%.
Great Britain, $18; Germany, $1,320; France, $216. Total..... 1,554

Filters.—Val., $6; K. I., 5%.
Great Britain, $138; France, $18. Total..... 156

Fringes.—Val. Var.; K. I., 35%.
Great Britain, $2,356; Germany, $9,196; France, $920; Italy, $1,080. Total 1,080

Flannels.—Val. Var.; K. N., 25%.
Great Britain, $28,392; Germany, $17,325; France, $11,230; Italy, $1,593; Switzerland, $612. Total..... 59,152

Blankets, Superior.—Val. Var.; K. N., 35%.
United States, $162; Great Britain, $7,319; Germany, $5,396; France, $11,412; Italy, $735; Spain, $507. Total..... 25,531

Blankets, Common.—Val. Var.; K. N., 25%.
Great Britain, $47,502; Germany, $39,287; France, $7,920; Italy, $4,718; Spain, $52; Switzerland, $208. Total..... 99,687

Kidderminsters, With or Without Vegetable Mixture.—Val., $2; K. G., 25%.
Great Britain, $220. Total..... 220

Fabrics of Tricote Point.—Val., $6.25; K. G., 25%.
Great Britain, $2,375; Germany, $2,676; France, $1,876. Total.. 6,926

Cloth for Clothing, Mixed Silk.—Val., $11; K. G., 35%.
Great Britain, $8,283; Germany, $13,970; France, $31,977; Italy, $550; Switzerland, $682. Total..... 52,462

Cloth for Clothing and Linings.—Val. Var.; K. N., 25%.
Great Britain, $694,904; Germany, $817,886; France, $521,600; Belgium, $1,075; Italy, $14,525; Spain, $1,600; Switzerland, $55,-100. Total 2,106,690

Cloth for Blankets.—Val. Var.; K. N., 25%. Great Britain, $6,548; Germany, $23,661; France, $2,316. Total..	$32,525
Cloth for Curtains and Tapestry.—Val. Var.; K. N., 25%. Great Britain, $525; Germany, $3,325; France, $2,654; Belgium, $25. Total	6,529
Caps.—Val. Var.; Doz., 35%. Great Britain, $5,594; Germany, $10,194; France, $3,750; Italy, $4,292. Total	23,830
Caps, Travelling and Jockey.—Val., $8; K. N., 35%. Great Britain, $4,264; Germany, $896; France, $600; Italy, $1,-928; Spain, $480. Total.....	8,168
Gloves.—Val., $14; K., without boxes, 35%. Great Britain, $1,134; Germany, $3,458; France, $4,298. Total..	8,890
Bunting for Flags, etc.—Val., $3.50; K. N., 25%. Great Britain, $7,574; Germany, $1,631; France, $1,547. Total..	10,752
Mourning Draperies for Hats.—Val., $9; K. N., 25%. Great Britain, $27; France, $96; Italy, $45. Total.....	162
Rugs, Coats, Shawls, for Travelling.—Val. Var.; K. N., 35%. United States, $210; Spain, $266; Italy, $12; France, $7,784; Germany, $13,144; Great Britain, $17,145. Total.....	38,558
Aprons and Sweaters.—Val., $3; K. N., 25%. Great Britain, $1,995; Germany, $9,471; France, $13,419. Total,	24,885
Hose for Men and Women.—Val. Var.; K. N., 35%. Great Britain, $17,866; Germany, $10,732; France, $7,015; Italy, $304; Bolivia, $2,247. Total.....	38,164
Swansdown, or Cotton Tissue.—Val., $2; K. N., 25%. France, $892. Total.....	892
Cloth and Felt for Carpets.—Val. Var.; K. G., 25%. Great Britain, $11,833; Germany, $25,550; France, $1,214; Italy, $10. Total	38,607
Cloth and Flannel for Table Covers.—Val., $6; K. N., 25%. Great Britain, $696; Germany, $6,300; France, $90. Total.....	7,086
Cloth for Billiard Tables.—Val., $9; K. N., 35%. Great Britain, $585; Germany, $4,779; France, $1,035; Belgium, $189. Total	$6,588
Satinet, Montagnac, Castor Cloth, etc.—Val., $7; K. N., 25%. Great Britain, $3,248; France, $553; Germany, $490. Total.....	4,291
Handkerchiefs, Scarves and Shawls.—Val. Var.; K. N., 25%. Great Britain, $75,133; Germany, $375,568; France, $19,220; Italy, $35,214; Spain, $9,642; Switzerland, $1,932; Bolivia, $48. Total	516,757
Handkerchiefs, etc., with Silk Fringe, Stripes or Lines.—Val. Var.; K. N., 35%. Great Britain, $4,125; Germany, $1,065; France, $10,575. Total..	15,765
Umbrellas and Sunshades.—Val., $24; Doz., 25%. Great Britain, $48; France, $24. Total.....	72

Passementerie.—Val. Var.; K. I., 25%.
Great Britain, $5,264; Germany, $122,968; France, $15,040; Italy, $10,376; Spain, $936; Switzerland, $2,824. Total..... $157,408

Passementerie, Slightly Mixed Silk.—Val. Var.; K. I., 35%.
Great Britain, $60; Germany, $96; Italy, $612. Total..... 768

Cuttings, Embroidered.—Val., $16; K., without boxes, 25%.
France, $80. Total..... 80

Cuttings, Embroidered with Silk Threads.—Val., $30; K., without boxes, 35%.
Germany, $420; France, $240. Total..... 660

White Material, for Clothing.—Val. Var.; K. N., 60%.
Great Britain, $2,165; Germany, $3,306; France, $1,758. Total.. 7,229

Clothing, Cut not Sewn.—Val., $4; K. N., 25%.
Great Britain, $12,642; Germany, $60; France, $67,556. Total.. 80,240

Clothing of Tricote Point.—Val. Var.; K. N., 35%.
Great Britain, $17,392; Germany, $7,691; France, $496; Italy, $915. Total 26,494

White Garments.—Val. Val.; K. N., 60%.
Great Britain, $894; Germany, $3,215; France, $6,103; Italy, $340; Spain, $12. Total..... 10,564

Waterproof Clothing, Sewn.—Val., $10; K. N., 60%.
United States, $480; Great Britain, $7,270; Germany, $2,150; France, $410; Italy, $520. Total..... 10,830

Waterproof Clothing, Unsewn.—Val., $10.; K. N., 25%.
Great Britain, $420; France, $120. Total..... 540

Hats for Men and Boys.—Val. Var.; Each, 35%.
Great Britain, $66,100; Germany, $237,237; France, $77,533; Italy, $351,823; Spain, $1,452; Belgium, $64; Panama, $36; Uruguay, $72. Total..... 734,317

Hats for Women and Girls.—Val. Var.; Each, 35%.
Great Britain, $4,840; Germany, $4,656; France, $9,569; Italy, $3,156. Total 22,221

Hat Blocks and Shapes.—Val. Var.; Doz., 35%.
Great Britain, $2,836; Germany, $550; France, $5,390; Belgium, $1,902. Total 10,678

Waterproof Cloth.—Val., $5; K. N., free.
Great Britain, $45,035; Germany, $415; France, $17,180. Total.. 62,630

Velvet and Plush. Val., $8; K. N., 25%.
Great Britain, $1,632; Germany, $2,768; France, $1,624. Total.. 6,024

Braces and Suspenders.—Val. Var.; K. I., 35%.
Great Britain, $208; Germany, $48; France, $108. Total..... 364

Suits, etc., for Men and Boys.—Val. Var.; Each, 60%.
Great Britain, $2,226; Germany, $15,089; France, $13,242; Italy, $180; Spain, $270. Total..... 31,007

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Purses and Cornucopias, Various.—Val., $15; K. I., 35%.
Germany, $45; France, $255; Italy, $45. Total..... $345

Buttons.—Val., $5; K. I., 35%.
Great Britain, $205; Germany, $205; France, $1,200; Italy, $100.
Total 1,710

Embroideries.—Val., $0.08; G. N., 35%.
France, $1,960; Switzerland, $132. Total..... 2,092

Brocades, Gold and Silver Cloth and Tissue.—Val., $0.12; G. N., 35%.
Great Britain, $84; France, $252. Total..... 336

Half Hose for Men and Boys.—Val., $0.06; G. I., 35%.
Great Britain, $318. Total..... 318

Drawers, Undershirts and Shirts.—Val., $0.06; G. I., 60%.
Great Britain, $972; Germany, $1,779; France, $225; Spain,
$126. Total 3,102

Chemises for Women and Girls.—Val., $0.06; G. I., 60%.
Great Britain, $24; Germany, $27; France, $1,353. Total..... 1,404

Cloths, Tablecloths and Rugs.—Val. Var.; G. N., 35%.
Great Britain, $142; Germany, $160; Japan, $492. Total..... 794

Ribbons of Transparent Texture.—Val., $0.08; G. N., 35%.
France, $88. Total..... 88

Ribbons.—Val., $0.06; G. N., 35%.
Great Britain, $34,323; France, $59,961; Germany, $17,712; Italy,
$74,100. Total..... 186,096

Ribbons, Mixtures.—Val., $0.03; G. N., 35%.
Great Britain, $19,014; Germany, $146,985; France, $42,678;
Italy, $8,229. Total..... 219,906

Belts for Women and Girls or Military Belts.—Val., $0.03; G. I., 35%.
United States, $2,397; Great Britain, $1,212; Germany, $978;
France, $90. Total..... 4,677

Cambric for Strainers or Other Purposes.—Val. Var.; G., 5%.
United States, $35; Great Britain, $1,995; Germany, $14,329;
France, $206. Total..... 16,565

Counterpanes and Bedspreads, not Quilted or Embroidered.—Val.,
$0.05; G. N., 35%.
Great Britain, $1,075; Germany, $160; France, $150. Total.... 1,385

Quilts, Bedspreads, Eiderdowns Stuffed with Feathers.—Val., $18; K.
N., 35%.
Great Britain, $738; Germany, $252; France, $936. Total..... 1,926

Quilts, Spreads, Eiderdowns Stuffed with Cotton.—Val., $12; K.
I., 35%.
Great Britain, $60; France, $168. Total..... 288

Cravats, With or Without Mixture, With Inside Mounting.—Val.
$0.25; G. I., 60%.
United States, $12,292; Great Britain, $9,700; Germany, $14,170;
France, $8,820; Italy, $100. Total..... 45,082

Cravats, Without Mounting.—Val., $0.06; G. I., 60%.
Great Britain, $1,680; Germany, $906; France, $2,553; Italy, $366. Total..... $5,505

Cravats, Without Mixture or Mountings.—Val., $0.03; G. I., 60%.
Great Britain, $1,611; Germany, $261; France, $660; Italy, $42. Total 2,574

Curtains.—Val. Var.; G. N., 35%.
Great Britain, $1,143; Germany, $660; France, $2,985. Total.. 4,788

Corsets and Corset Bodices.—Val., $15; Each, 60%.
Great Britain, $105; France, $4,140. Total..... 4,245

English Crape.—Val., $0.03; G. N., 35%.
Great Britain, $5,721; Germany, $1,338; France, $6,858; Switzerland, $858. Total..... 14,375

Lace Collars and Boas for Ladies.—Val. Var.; G. I., 60%.
Great Britain, $286; Germany, $353; France, $1,985. Total.... 2,624

Shoulder Knots.—Val. Var.; G. I., 35%.
Germany, $260; France, $2,550. Total..... 2,810

Boot Elastic.—Val., $6; K. N., 5%.
Great Britain, $852; Germany, $930; France, $2,076. Total..... 3,858

Elastic for Bands and Belts.—Val. $6; K. N., 35%.
Germany, $60; France, $60. Total..... 120

Lace and Blond Laces.—Val. Var.; G., without boxes, 35%.
Great Britain, $13,920; Germany, $10,798; France, $28,188; Italy, $107. Total 53,013

Shirtings, Ruffs and Pleatings.—Val., $0.09; G., without boxes, 35%.
Great Britain, $1,341; Germany, $558; France, $2,781; Italy, $36. Total 4,716

Empty Etuis, or Cases for Jewelry.—Val., $15; K. I., 35%.
United States, $105; Great Britain, $270; Germany, $1,875; France, $90. Total..... 2,340

Sashes and Bands.—Val. Var.; G., 35%.
Great Britain, $85; Germany, $80. Total..... 165

Plush for Hats.—Val., $0.06; G. N., 35%.
Total 624

Artificial Flowers and Plants.—Val. Var.; K. I., 35%.
Great Britain, $1,100; Germany, $6,360; France, $2,892; Italy, $368; China, $12. Total..... 10,732

Blankets.—Val., $8; K. N., 35%.
Great Britain, $1,400; France, $304. Total..... 1,704

Stuff for Ornament and Costumes.—Val., $0.06; G. N., 35%.
Great Britain, $54; France, $1,332. Total..... 1,386

Stuffs Without Embroidery or Decoration.—Val., $0.08; G. N., 35%.
Great Britain, $26,464; Germany, $17,798; Italy, $1,384; France, $90,444; Switzerland, $3,272; China, $1,696. Total..... 141,058

Transparent Stuffs with Beads.—Val., $0.04; G. N., 35%.
Great Britain, $344; Germany, $1,722; France, $7,831. Total.... $9,897

Stuffs for Costumes or Ornament, Mixtures or Not.—Val., $0.03; G. N., 35%.
Great Britain, $1,509; Germany, $2,190; France, $9,630; Italy, $240; Spain, $30; Argentina, $429. Total..... 14,028

Diaphanous Stuffs, Gauze, Tulle, Crepe, etc.—Val., $0.05; G. N., 35%.
Great Britain, $51,206; Germany, $47,426; France, $216,808; Italy, $15,161; Spain, $550; Switzerland, $5,589; China, $2,028; Japan, $26,375; Argentina, $451. Total..... 365,594

Stuffs for Curtains, Tapestry, With or Without False Metal Threads. —Val. Var.; G. N., 35%.
Great Britain, $28,929; Germany, $13,955; France, $55,216; Italy, $1,300; Japan, $600. Total..... 100,000

Stuffs Not Specified.—Val., $0.05; G. N., 35%.
Great Britain, $81,648; Germany, $29,585; France, $287,225; Italy, $10,097; Spain, $550; Switzerland, $5,478; Japan, $1,800; China, $290. Total..... 416,673

Stuffs, Embroidered.—Val., $0.15; G. N., 35%.
Great Britain, $153; Germany, $720; France, $201; Italy, $48. Total 1,122

Stuffs, Mixtures, Not Specified.—Val., $20; K. N., 35%.
Great Britain, $30,720; Germany, $49,860; Belgium, $3,580; Spain, $160; France, $290,660; Italy, $11,620; Switzerland, $2,220; Argentina, $140. Total..... 388,960

Stuffs, Rough, Coarse.—Val., $15; K. N., 35%.
Great Britain, $270; France, $2,415. Total..... 2,685

Caps for Babies.—Val., $4; Each, 35%.
United States, $60; Great Britain, $3,588; Germany, $580; France, $3,460; Italy, $104. Total..... 7,792

Travelling and Jockey Caps.—Val., $0.03; G. N., 35%.
Great Britain, $981; Germany, $1,263; France, $936; Italy, $1,-716; Spain, $441. Total..... 5,337

Gloves, Lined.—Val., $0.03; G. F., 35%.
Germany, $120. Total..... 120

Gloves, Unlined.—Val., $0.05; G, without boxes, 35%.
Great Britain, $1,790; Germany, $8,289; France, $2,931; Italy, $13. Total 13,023

Trimmings and Linings for Hats.—Val. Var.; G., 35%.
Great Britain, $2,070; Germany, $618; France, $12,336; Italy, $1,272. Total 16,296

Garters and Braces.—Val., $0.04; G. I., 35%.
United States, $280; Great Britain, $730; Germany, $128; France, $252; Italy, $276. Total..... 1,666

Mourning Draperies for Hats.—Val., $0.05; G. N., 35%.
United States, $15; Germany, $91. Total..... 106

Mantles.—Val. Var.; G. N., 35%. ..
Great Britain, $3,345; Germany, $6,309; France, $22,899; China, $3,708. Total..... $36,261

Masks, Etc.—Val., $20; K. I., 60%.
Great Britain, $100. Total..... 100

Hose, Embroidered and Open Work.—Val., $0.06; G. N., 35%.
Great Britain, $1,581; Germany, $528; France, $1,362; Italy, $300. Total 3,771

Hose for Invalids.—Val., $0.04; G. N., 35%.
Great Britain, $120; Germany, $344. Total..... 464

Handkerchiefs and Scarfs.—Val. Var.; G. N., 35%.
United States, $120; Great Britain, $8,995; Germany, $18,744; France, $16,060; Italy, $2,851; Spain, $6,535; Japan, $7,423; Switzerland, $385; China, $4.497. Total..... 65,610

Kerchiefs, Scarfs and Shawls.—Val. Var.; G. N., 35%.
Great Britain, $318; Germany, $2,563; France, $4,718; Italy, $483; Spain, $1,344; Switzerland, $63; China, $6,600. Total.... 16,069

Umbrellas.—Val., $5; Each, 35%.
United States, $30; Great Britain, $5,310; Germany, $9,935; France, $8,070; Italy, $9,075. Total..... 32,420

Umbrellas, with Ivory, Nacre or Tortoise Shell Handles.—Val., $20; Each, 35%.
Great Britain, $120; France, $60. Total..... 180

Parasols, of Inferior Mixture.—Val., $2; Each, 35%.
Great Britain, $518; Germany, $1,424; France, $2,024; Italy, $396. Total 4,362

Parasols, Without Lace or Embroidery.—Val., $4; Each, 35%.
Great Britain, $1,732; Germany, $1,828; France, $4,492; Italy, $600. Total 8,652

Parasols, with Lace or Embroidery.—Val., $8; Each, 35%.
Great Britain, $502; Germany, $40; France, $1,088. Total..... 1,632

Parasols with Ivory Nacre or Tortoise Shell Handles.—Val., $12; Each, 35%.
Germany, $216; France, $432. Total..... 648

Passementerie.—Val., $0.03; G. I., 35%.
United States, $267; Great Britain, $31,071; Germany, $91,668; France, $38,148; Belgium, $603; Italy, $7,389; Spain, $36; Switzerland, $387. Total..... 169,569

Cuttings, Embroidered.—Val., $0.05; G., without boxes, 35%.
France, $1,270. Total..... 1,270

White Clothing for Women and Girls.—Val. Var.; G. N., 60%.
Great Britain, $4,883; Germany, $3,821; France, $10,502; Italy, $357; Argentina, $15. Total..... 19,578

Dress Preservers, Rubber with Material.—Val., $15; K. I., 35%.
Great Britain, $90; Germany, $105; France, $645. Total..... 840

Overcoats and Capes for Travelling.—Val. Var.; G. N., 60%.
Great Britain, $25; Germany, $408; France, $2,529. Total..... $2,962

Hats for Men.—Val. Var.; Each, 35%.
Great Britain, $2,969; Germany, $574; France, $8,119; Italy, $84. Total..... 11,746

Hats for Women and Girls.—Val. Var.; Each, 35%.
Great Britain, $7,064; Germany, $484; France, $18,720; Italy, $906. Total..... 27,174

Hat Shapes and Forms for Women and Girls.—Val., $6; Each, 35%.
Great Britain, $1,176; Germany, $1,008; France, $5,244; Italy, $72. Total..... 7,500

Suspensories.—Val., $20; K. I., 35%.
United States, $20; Great Britain, $20; Germany, $340; Japan, $40. Total..... 420

Waterproof Stuff, with Rubber or Caoutchouc.—Val., $10; K. N., free.
Germany, $150; France, $970. Total..... 1,120

Velvet and Plush for Trimmings, Costumes, Etc.—Val., $0.06; G. N., 35%.
Great Britain, $669; Germany, $1,197; France, $7,077; Italy, $546. Total..... 9,489

Velvet and Plush, Mixtures for Trimmings and Costumes, etc.—Val., $0.03; G. N., 35%.
United States, $600; Great Britain, $37,911; Germany, $9,654; France, $19,221; Italy, $1,890. Total..... 69,276

Braces and Suspenders.—Val., $0.035; G. I., 35%.
Great Britain, $210; Germany, $161; France, $616; Italy, $266. Total..... 1,253

Suits and Clothing for Men and Boys.—Val. Var.; G. N., 60%.
Great Britain, $534; Germany, $6,671; France, $408. Total..... 7,613

Costumes for Clothing for Women and Girls.—Val. Var.; G. N. 60%.
United States, $49; Great Britain, $19,097; Germany, $13,480; France, $48,197; Italy, $644. Total..... 81,467

Veils, Plain, Worked, Lace, etc.—Val., $0.12; G. N., 35%.
Great Britain, $918; Germany, $1,791; France, $6,148; Italy, $48; Switzerland, $471. Total..... 9,276

Total, silk..... $2,874,304

IV. TEXTILE MANUFACTURES.

1.	Hemp, Jute, Straw, Etc.....	$ 7,089,690
2.	Cotton.....	31,350,519
3.	Linen.....	863,572
4.	Wool.....	10,417,047
5.	Silk.....	2,874,304
	Total.....	$52,595,132

V.

INDUSTRIAL OILS, FUELS, ETC.

1.	Industrial Oils	$1,859,863
2.	Varnishes, Blacking, Etc	208,547
3.	Fuels	27,845,547
4.	Colors, Inks, Etc	1,105,000

1. INDUSTRIAL OILS.

Oil of Whale, Loach or Sperm.—Val., $0.50; K. N., Spc., $0.14.
United States, $264; Great Britain, $6,343; Germany, $10,517; France, $406; Italy, $168. Total $17,698

Oil of Whale, Loach or Sperm.—Val., $0.50; K. N., free.
From the fish, $395,305. Total 395,305

Linseed Oil.—Val., $0.50; K. N., spc., $0.20.
United States, $805; Great Britain, $345,128; Germany, $131,633; France, $4,640; Belgium, $3,715; India, $21,750. Total 507,671

Oils, Pure or Not, Not Specified.—Val., $0.60; K. N., Spc., $0.14.
United States, $74,532; Great Britain, $49,398; Germany, $19,071; France, $7,521; Belgium, $189. Total 150,711

Petroleum Oil, Impure.—Val., $0.10; K. G., 25%.
United States, $372,843; Great Britain, $59,700; Germany, $132,489. Total 565,032

Oils for Manufacturing Soap.—Val., $4; K. I., 25%.
Germany, $1,264; France, $272. Total 1,536

Oil for Sewing Machines.—Val., $0.40; K. G., 25%.
United States, $12,234; Great Britain, $788; Germany, $1,684; France, $1,794; Belgium, $14; Italy, $48. Total 16,562

Turpentine Oil.—Val., $0.30; K. G., 15%.
United States, $113,154; Great Britain, $15,315; Germany, $2,562; France, $222; Belgium, $222. Total 131,475

Benzine, Common.—Val., $0.15; K. I., 5%.
United States, $4,875; Great Britain, $117; Germany, $1,710; France, $120. Total 6,822

Benzine, Rectified.—Val., $1; K. I., 25%.
Germany, $665. Total 665

Lubricating Oils, Concrete and Mineral Fat.—Val., $0.40; K. G., 25%.
United States, $40,762; Great Britain, $3,394; Germany, $22,230. Total 66,286

Industrial Oils. Total $1,859,863

2. VARNISHES, BLACKINGS, ETC.

Copal Varnish and Varnish for Vehicles and Furniture, in Bottles and Tins.—Val., $1.30; K. G., 25%.
United States, $13,000; Belgium, $130; Great Britain, $19,721; Germany, $21,736; France, $8,684; Spain, $52. Total $63,323

Varnish for Vehicles and Furniture, etc., in Flasks.—Val., $3; K. I., 25%.
United States, $27; Great Britain, $630; Germany, $642; France, $2,637. Total..... $3,936

Varnish for Photography.—Val., $4; K. I., 25%.
Great Britain, $44; Germany, $4. Total..... 48

Varnish or Preparations for the Inside of Barrels.—Val., $1; K. G., 25%.
Germany, $1,052. Total..... 1,052

Common Varnish for Boats.—Val., $0.30; K. G., 25%.
Great Britain, $1,176; Germany, $1,668; France, $273. Total.... 3,117

Enamel Varnish.—Val., $1.60; K. I., 25%.
United States, $416; Germany, $2,280. Total..... 2,696

Black Varnish for Iron.—Val., $0.45; K. G., 25%.
United States, $45; Great Britain, $4,590; Germany, $2,790. Total. 7,425

Shoe Blacking or Cream.—Val., $2; K. G., 35%.
United States, $22,224; Great Britain, $20,426; Belgium, $38; Germany, $15,034; France, $9,040; Italy, $516; Panama, $176. Total. 67,454

Shoe Blacking or Polish, Paste.—Val., $0.40; K. G., 35%.
Great Britain, $66; Germany, $208; France, $2; Italy, $52. Total. 328

Liquid Boot Blacking or Varnish.—Val. Var.; K. G., 35%.
United States, $9,448; Great Britain, $9,912; Germany, $28,178; France, $7,716; Italy, $100; Peru, $52. Total..... 55,406

Blacking and Copper or Bronze Wash for Carriages and Harness.—Val., $0.30; K. G., 25%.
United States, $177; Great Britain, $48; Germany, $390; France, $441. Total 1,056

Asphalt or Bitumen.—Val., $0.30; K. G., 25%.
Great Britain, $2,541; Germany, $96; France, $45; Italy, $6; Australia, $18. Total 2,706

Varnishes, Blackings, etc. Total..... $208,547

3. FUELS, ETC.

Coal.—Val., $20; Ton, free.
Great Britain, $15,640,000; Germany, $59,560; France, $5,560; Belgium, $59,080; Italy, $264,060; Australia, $7,158,900; Peru, $50,000. Total.....$23,581,160

Charcoal.—Val., $4; Mt. Qtl., 25%.
Peru, $48,856; Bolivia, $176. Total..... 49,032

Calcium Carbide.—Val., $0.40; K. G., free.
Great Britain, $20,000; Germany, $38,348; Italy, $2,630. Total.. 60,978

Wooden Matches.—Val., $0.35; K. G., Spc., $0.20.
Great Britain, $2,695; Germany, $164,234; Switzerland, $672; Sweden, $6,720; Belgium, $1,323. Total..... 175,644

Wax Matches.—Val., $1; K. G., 35%.
Germany, $831; France, $200; Italy, $262. Total..... $1,293

Paper Matches and Wooden Matches, with Bengal Lights.—Val. Var.; K. G., 35%.
Great Britain, $26; Germany, $1,951; France, $4. Total..... 1,981

Tapers for Night Lamps.—Val., $2; K. G., 25%.
United States, $170; Great Britain, $1,374; Germany, $7,232; France, $12; Italy, $698. Total..... 9,486

Paraffin in Paste.—Val., $0.35; K. G., 5%.
United States, $3,535; Great Britain, $96,082; Germany, $204,540; France, $42. Total 304,199

Paraffin, Petroleum, Gasolene, Naphtha.—Val., $0.10; K. G., 25%.
United States, $2,196,367; Great Britain, $439; Germany, $79. Total 2,196,885

Petroleum, Raw.—Val., $0.10; K. G., free.
Peru, $1,131,450. Total 1,131,450

Candles—Stearine, Paraffin or Composition.—Val., $0.80; K. I. P., 35%.
United States, $8; Great Britain, $140,772; Germany, $72,392; France, $46,436; Belgium, $44,824; Italy, $1,900; Spain, $716. Total 309,048

Candles, Gilt and Decorated.—Val., $1.50; K. I. P., 35%.
Germany, $123. Total 123

Tapers.—Val., $2; K. I. P., 35%.
United States, $960; Great Britain, $1,660; Germany, $7,180; France, $678; Peru, $136. Total..... 10,554

Wax Candles.—K. I. P., 60%.
Great Britain, $16; Germany, $334; Peru, $408. Total..... 758

Candles—Sperm or Mixture, Gilt or Decorated.—Val., $3; K. I. P., 35%.
United States, $324; Germany, $9,552; France, $1,209; Italy, $147. Total 11,232

Stearine Night Lights.—Val., $1; K. I. P., 35%.
Great Britain, $1,419; Germany, $333. Total..... 1,752

Fuels. Total.....$27,845,575

4. COLORS, INKS, ETC.

Golden Yellow.—Val., $0.70; K. G., 25%.
Great Britain, $343; Germany, $3,304; France, $462; Belgium, $91. Total $4,200

Aniline.—Val., $4; K. I., 25%.
United States, $600; Great Britain, $29,484; Germany, $73,232; France, $2,692; Belgium, $572; Italy, $88. Total..... 106,668

Aniline, Alixarine, Fuxina and Imitations.—Val., $4; K. I.
United States, $376; Great Britain, $1,424; Germany, $27,996; France, $316. Total..... 30,112

Indigo.—Val., $6; K. G., 25%.
France, $312; Germany, $18,690; Great Britain, $1,488; Guatemala, $4,680. Total..... $25,170

Prussian Blue for Laundry Use, Ordinary Class.—Val., $0.10; K. G., 25%.
Great Britain, $5,587; Germany, $12,709; France, $739. Total.. 19,035

Prussian Blue.—Val., $0.40; K. G., 25%.
United States, $50; Great Britain, $4,256; Germany, $56,418; France, $3,034; Belgium, $15,000; Italy, $168. Total..... 78,926

Prussian Blue or Ultramarine, Superior.—Val., $3; K. I., 25%.
Germany, $21; France, $165. Total..... 186

Vermilion, Common.—Val., $1; K. G., 25%.
Great Britain, $71; Germany, $1,163. Total..... 1,234

Vermilion, Superior.—Val., $5; K. I., 25%.
United States, $390; Great Britain, $240; Germany, $145; France, $435; Italy, $145. Total..... 1,355

White—Silver or Zinc, in Powder.—Val., $0.20; K. G., 25%.
United States, $540; Great Britain, $84; Germany, $3,551; France, $9,890. Total 14,065

White—Silver, in Cones.—Val., $1.30; K. G., 25%.
France, $832. Total 832

Carmine.—Val., $25; K. I., 25%.
Germany, $275; France, $325. Total..... 600

Common Paint Prepared With Oil.—Val., $0.24; K. G., 25%.
United States, $19,188; Great Britain, $311,252; Belgium, $8,166; Germany, $139,834; Spain, $10,398. Total 488,838

Enamel Paint.—Val., $1.60; K. I., 25%.
United States, $16,312; Great Britain, $11,288; Germany, $10,520; France, $2,464; Belgium, $48. Total 40,632

Copper Paint for Boats.—Val., $1.20; K. G., 25%.
United States, $6,336; Great Britain, $26,802; Germany, $5,352; France, $780. Total 39,270

Color in Tubes for Oil Painting.—Val., $5; K. I., 25%.
United States, $5,675; Great Britain, $1,460; Germany, $8,335; France, $1,910. Total 17,380

Colors in Small Cakes, Ordinary.—Val., $2; K. I., 25%.
Great Britain, $172; Germany, $1,122; France, $806. Total..... 2,100

Colors in Cakes, Superior.—Val., $10; K. I., 25%.
United States, $70; Great Britain, $430; Germany, $100; France, $240. Total 840

Colors, Whole or in Powders.—Val., $0.20; K. G., 25%.
United States, $4,005; Great Britain, $27,391; Germany, $24,388; France, $4,806; Belgium, $4,198. Total..... 64,788

Siccative Powders for Painters.—Val., $0.60; K. I., 25%.
Great Britain, $189; Germany, $42; France, $66. Total..... 297

Inks for Printing, Lithography, etc.—Val., $0.80; K. G., free.
United States, $27,552; Great Britain, $6,416; Germany, $49,152; France, $35,468; Panama, $16; Uruguay, $200. Total..... $118,804

Common Ink for Writing or Copying.—Val., $0.30; K. G., 25%.
United States, $1,488; Great Britain, $9,381; Germany, $21,675; France, $3,657; Italy, $24; Spain, $39; Russia, $18. Total..... 36,282

Ink for Marking or Stamping.—Val., $2.40; K. I., 25%.
United States, $516; Great Britain, $1,740; Germany, $1,560; France, $420. Total 4,236

China Ink in Paste.—Val., $8; K. I., 25%.
Great Britain, $1,008; Germany, $616; France, $872. Total..... 2,496

China Ink, Liquid.—Val., $3; K. I., 25%.
Great Britain, $606; Germany, $420; France, $933. Total..... 1,959

Red Ink for Writing.—Val., $1.50; K. I., 25%.
United States, $27; Great Britain, $1,506; Germany, $2,961; France, $201. Total..... 4,695

Colors and Inks. Total.....$1,105,000

V. INDUSTRIAL OILS, COLORS, INKS, ETC.

1.	Industrial Oils	$1,859,863
2.	Varnishes, Blackings, etc.....	208,547
3.	Fuels	27,845,547
4.	Colors, Inks	1,105,000
	Total	$31,018,985

VI.

PAPER AND CARDBOARD.

$3,607,312.

PAPER AND CARDBOARD MANUFACTURES.

Paper and Cardboard Shades, etc., for Lamps.—Val., $3; K. I., 35%.
United States, $1,185; Great Britain, $777; Germany, $549. Total. $2,511

Albums.—Val. Var.; K. I., 35%.
United States, $216; Great Britain, $2,377; Germany, $14,650; France, $2,320; Italy, $483; Argentina, $12. Total..... 20,058

Alphabets.—Val., $12; K. I., 60%.
Great Britain, $12; France, $12. Total..... 24

Almanacks, Exfoliating.—Val., $2; K. G., 60%.
United States, $20,560; Great Britain, $2,960; Germany, $26,700; France, $26,962; Belgium, $1,720; Italy, $744; Spain, $4,462. Total 84,108

Almanacks and Printed Books for Apothecary Shops.—Val., $2; K. G., free.
United States, $2,886; Great Britain, $2,050; Germany, $3,994; France, $3,800; Italy, $1,442; Spain, $482. Total..... $14,654

Papier Mache Goods.—Val. Var.; K. I., 25%.
Great Britain, $4,538; Germany, $1,203; France, $348. Total.... 6,089

Papier Mache Goods, Gilt or Silvered.—Val. Var.; K. I., 35%.
United States, $208; Germany, $864. Total..... 1,072

Cardboard Articles.—Val., $1; K. G., 60%.
Great Britain, $646; Germany, $599; Japan, $22. Total..... 1,267

Notices, etc.—Val., $2; K. G., 60%.
United States, $1,456; Great Britain, $5,320; Germany, $22,304; France, $4,404; Belgium, $30; Italy, $832; Spain, $3,500. Total.. 37,846

Cards, Packs.—Val., $2.50; K. I., 60%.
United States, $6,530; Great Britain, $1,070; Germany, $5,905; France, $3,955. Total..... 39,240

Bank Notes, Bonds and Mortgage Deeds.—Val., $40; K. I., 60%.
United States, $315,400; Great Britain, $27,320; Germany, $160; Panama, $4,840. Total 347,720

Paper Bags for Packing.—Val. Var.; K. I., 60%.
United States, $4,615; Great Britain, $1,799; Germany, $910; France, $102; Italy, $416. Total..... 7,842

Buttons.—Val., $0.40; K. I., 25%.
Germany, $5,946; France, $4,884; Belgium, $288. Total..... 11,148

Boxes, Various, for All Purposes.—Val. Var.; K. G., 60%.
United States, $1,935; Great Britain, $1,908; Germany, $30,213; France, $754; Italy, $54; Spain, $1,906; Uruguay, $320. Total.. 37,090

Boxes, Various, for All Purposes.—Val. Var.; K. N., 60%.
Great Britain, $40; Germany, $725; France, $50; Italy, $540; Spain, $250. Total 1,605

Boxes for Toilet Powder.—Val., $2.50; K. N., 35%.
Great Britain, $186; Germany, $365. Total..... 1,790

Decalcomanias.—Val., $6; K. I., 35%.
Great Britain, $618; Germany, $5,160; France, $258. Total..... 6,036

Common Cardboard.—Val., $0.20; K. N., Spc., $0.15.
United States, $1,423; Great Britain, $2,815; Germany, $16,432; France, $6,045. Total 26,715

Cardboard, etc., for Covers.—Val., $0.20; K. G., 25%.
Great Britain, $128; Germany, $3,991. Total..... 4,119

Boards with Springs for Letters and Bills.—Val., $1.20; K. I., 60%.
United States, $36; Great Britain, $660; Germany, $2,886; Italy, $54; France, $30. Total 3,666

Pasteboard Cut for Confectioners.—Val., $0.60; K. G., 60%.
Germany, $12; Italy, $258; Spain, $276. Total..... 546

Cardboard With Adhesive Paper for Other Purposes.—Val., $0.60; K. N., 25%.
United States, $3,516; Great Britain, $4,002; Germany, $44,706; France, $5,169; Belgium, $318. Total..... $57,711

Cardboard and Pasteboard for Labels.—Val., $1; K. N., 25%.
Great Britain, $1,891; Germany, $5,728; France, $2,915; Italy, $840. Total 11,404

Cheques, Bills of Exchange and Bank Deposit Notes.—Val., $6; K. I., 60%.
Great Britain, $2,808. Total 2,808

Crackers, With or Without Bonbons.—Val., $1.50; K. I., 35%.
Great Britain, $789; Germany, $75. Total..... 864

Notes, Policies, Bills, etc.—Val., $2; K. I., 60%.
United States, $210; Great Britain, $3,987; Germany, $1,746; France, $15; Argentina, $63; China, $414. Total..... 6,435

Drawings, Models, Designs, etc., for Instruction.—Val., $8; K. I., free.
United States, $10,112; Great Britain, $5,784; Germany, $1,072; France, $2,816. Total 19,784

Drawings, Other Classes and for Machinery.—Val., at sight; K. I., free.
Great Britain, $5,152; Germany, $3,200; France, $105. Total.... 8,457

Engravings, etc.—Val., $8; K. I., 35%.
Great Britain, $3,464; Germany, $32,928; France, $2,736; Belgium, $992; Italy, $2,024; Argentina, $24. Total..... 42,168

Stamps.—Val., $12; K. G., 60%.
Germany, $324; France, $12. Total..... 336

Statues, Figures, Effigies, Busts, etc., in Papier Mache.—Val., $0.80; K. G., 35%.
United States, $768; Great Britain, $1,776; Germany, $1,088; France, $644; Italy, $172. Total..... 4,448

Spectacle Cases, etc.—Val., $1.60; K. I., 60%.
Great Britain, $16; Germany, $664; France, $104. Total..... 784

Cases and Boxes for Jewels, With Silk.—Val., $6; K. I., 35%.
Germany, $384. Total 384

Labels, Placards, Vignettes, etc.—Val., $9; K. I., 60%.
United States, $378; Great Britain, $1,332; Germany, $999; Spain, $270; France, $1,278. Total..... 4,257

Labels for Prices, to Tie.—Val., $3; K. I., 60%.
United States, $369; Great Britain, $642; Germany, $1,740; France, $921; Italy, $24. Total..... 3,696

Chinese Lanterns.—Val., $1; K. G., 60%.
United States, $104; Great Britain, $88; Germany, $584; France, $183; Italy, $103. Total 1,062

Artificial Flowers and Plants.—Val., $4; K. I., 35%.
Great Britain, $204; Germany, $104; China, $4. Total..... 312

Photographs.—Val. Var.; K. I., 35%.
United States, $108; Great Britain, $168; Germany, $1,470; France, $192. Total 1,938

Sheets for Florists.—Val., $5; K. I., 15%.
Germany, $155. Total $155

Blank Books, Superior and General.—Val. Var.; K. G., 60%.
United States, $1,615; Great Britain, $8,504; Germany, $26,446; France, $2,768; Italy, $1,011; Argentina, $18; China, $338. Total. 40,700

Books, Special for Copying Presses.—Val., $1.40; K. G., 60%.
United States, $1,701; Great Britain, $7,868; Germany, $14,973; France, $560. Total 25,102

Books or Cardboard Covers for Invoices.—Val., $1.20; K. G., 60%.
United States, $1,338; France, $114; Germany, $10,440; Great Britain, $2,886; Panama, $264. Total 15,042

Printed Books.—Val., $2; K. G., free.
United States, $126,640; Great Britain, $90,694; Italy, $7,826; Germany, $141,038; France, $41,548; Spain, $62,674; Panama, $9,384; Argentina, $236; Uruguay, $1,206; Peru, $374; Ecuador, $7,636. Total 489,256

Printed Books With Covers of Tortoise Shell, Nacre or Ivory.—Val., at sight; K. G., 35%.
Germany, $555; France, $54. Total..... 609

Printed Books, With Covers of Tortoise Shell, Nacre or Ivory.—Val., at sight; Doz., 35%.
Great Britain, $284; Germany, $800; France, $50; Italy, $30. Total. 1,164

Masks.—Val., $4; K. I., 60%.
Great Britain, $256; Germany, $1,144; France, $312. Total..... 1,712

Systems for Musical Instruction.—Val., $1.20; K. I., 5%.
Germany, $126; France, $54. Total..... 180

Moulding of All Kinds.—Val. Var.; K. I., 60%.
United States, $3,960; Great Britain, $648; Germany, $5,766. Total 10,374

Copies for Writing, Teaching, Drawing and All Sciences.—Val., $2.50; K. I., free.
United States, $10,770; Great Britain, $1,410; Germany, $2,845; France, $345; Italy, $35; Spain, $1,400. Total..... 16,805

Printed Music.—Val., $1.20; K. N., 60%.
United States, $342; Great Britain, $684; Germany, $2,316; France, $30; Spain, $6. Total..... 3,378

Perforated Music.—Val., $4; K. N., 35%.
United States, $1,940; Great Britain, $496; Germany, $3,356; Italy, $312. Total 6,104

Paper for Filters.—Val., $0.80; K. I., 25%.
Great Britain, $236; Germany, $652; France, $1,404; Italy, $40. Total 2,332

Fly Papers.—Val. Var.; K. I., 25%.
United States, $13,901; Great Britain, $568; Germany, $1,043; France, $3. Total 15,515

Paper for Sheathing.—Val., $0.20; K. G., free.
Great Britain, $2,628; Germany, $112. Total..... 2,740

Brown Paper for Wrapping.—Val., $0.30; K. N., Spc., $0.15.
United States, $429; Great Britain, $6,078; Germany, $45,504; France, $1,653; Belgium, $315; Italy, $25,422; China, $102. Total $79,503

White and Colored Paper for Wrapping.—Val., $0.30; K. N., Spc., $0.15.
United States, $297; Great Britain, $7,935; Germany, $39,693; France, $1,962; Italy, $2,454. Total..... 52,341

Siccative Paper.—Val., $0.30; K. N., Spc., $0.15.
United States, $2,541; Great Britain, $5,418; Germany, $4,593; France, $993; Italy, $21. Total..... 13,566

Paper for Fishing Apparata.—Val., $0.60; K. N., 25%.
United States, $276; Great Britain, $5,850; Germany, $150,282; France, $9,720; Belgium, $7,596; Italy, $4,605; China, $69. Total. 178,398

Paper for Telegraphic Impressions.—Val., $0.50; K. I., free.
United States, $375; Great Britain, $1,278; Germany, $1,625. Total 3,278

Paper for Binding.—Val., $0.70; K. I., 5%.
Great Britain, $2,205; Germany, $19,887; France, $3,493; Spain, $511; Belgium, $1,764. Total 27,860

Paper for Florists.—Val., $0.70; K. I., 15%.
Germany, $322. Total 322

Paper for Labels and Other Purposes.—Val., $0.70; K. I., 25%.
Great Britain, $294; Germany, $1,659; France, $147; Italy, $35. Total 2,135

Parchment Paper for Wrapping Butter.—Val., $0.80; K. I,. 25%.
Great Britain, $2,784; Germany, $4,112; France, $908; Italy, $512. Total 8,316

Paper Without Glue for Printing or Stamping.—Val., $0.30; K. G., free.
United States, $271,368; Great Britain, $35,046; Germany, $220,-035; France, $2,202; Belgium, $1,104; Italy, $6,408; Spain, $1,053. Total 537,216

Paper, Ruled or Not, for Writing.—Val., $0.70; K. I., 25%.
United States, $159,418; Great Britain, $47,915; Germany, $174,-216; France, $15,785; Belgium, $784; Italy, $7,721; Spain, $868; China, $21. Total 406,728

Paper, Ruled for Music and Accounts.—Val., $1; K. I., 25%.
United States, $98; Great Britain, $1,346; Germany, $11,580; France, $468; Italy, $18,273. Total..... 31,765

Paper With Monograms, etc.—Val., $1.50; K. I., 60%.
Great Britain, $1,266; Germany, $5,124; France, $222; Italy, $288. Total 6,900

Toilet Paper.—Val., $0.60; K. G., 25%.
United States, $30,837; Great Britain, $3,414; Germany, $2,940; France, $117; Panama, $18. Total..... 37,326

Paper for Drawing and Plans.—Val., $1.60; K. I., 25%.
United States, $208; Great Britain, $1,432; Germany, $2,720; France, $280. Total 4,640

Paper for Photography and Oil Painting.—Val. Var.; K. I., 25%.
United States, $618; Great Britain, $4,455; Germany, $14,443; France, $1,617; Italy, $13; Panama, $37. Total..... $21,183

Paper and Pasteboard, Oiled, for Copying, and Tissue Paper.—Val. Var.; K. I., 25%.
United States, $3,634; Great Britain, $12,272; Germany, $15,486; France, $762. Total 32,154

Copying Paper.—Val., $6; K. I., 25%.
United States, $264; Great Britain, $504; Germany, $2,076; France, $36; Spain, $60. Total..... 2,940

Transparent Paper for Decorating Glass.—Val., $6; K. I., 25%.
Great Britain, $366; Germany, $1,026; France, $138. Total..... 1,530

Tracing Paper.—Val., $4; K. I., 25%.
Great Britain, $364; Germany, $2,280; France, $320. Total..... 2,964

Tissue Paper for Florists.—Val., $1.50; K. I., 15%.
United States, $273; Great Britain, $3,237; Germany, $33,024; France, $486; Italy, $210. Total 37,230

Paper for Copying Presses.—Val., $1.50; K. I., 25%.
United States, $60; Great Britain, $1,890; Germany, $9,036; France, $1,656; Italy, $150; Spain, $72. Total..... 12,864

Paper, Pinked and in Strips, for Games.—Val., $0.40; K. G., 35%.
Great Britain, $348; Germany, $3,406; France, $942. Total..... 4,696

Paper Bags for Wrapping, Gilt or Silvered.—Val., $1.40; K. I., 25%.
United States, $350; Great Britain, $5,460; Germany, $2,289; France, $728; Italy, $973. Total..... 9,800

Cigarette Papers.—Val. Var.; K. I., 35%.
Cuba, $325; Great Britain, $3,526; Germany, $142,987; France, $8,118; Italy, $1,638; Spain, $74,373. Total..... 230,967

Wall Papers, Painted, Without Glaze.—Val., $0.45; K. G., 25%.
United States, $1,980; Great Britain, $22,752; Germany, $150,003; France, $22,014; Italy, $2,574; Belgium, $4,473. Total..... 203,796

Wall Papers, Varnished, Polished or Bronzed, Common.—Val. Var.; K. N., 25%.
United States, $3,929; Great Britain, $13,417; Germany, $44,203; France, $13,204; Belgium, $5,025. Total..... 79,778

Wall Papers, Gilt and Silvered by Heat.—Val. Var.; K. N., 35%.
Great Britain, $489; Germany, $3,781; France, $3,055; Italy, $134. Total 7,459

Cellulose Paper for Match Boxes.—Val., $0.28; K. N., free.
Great Britain, $1,105; Germany, $8,995. Total..... 10,010

Paper for Lamp Shades.—Val. Var.; K. I., 25%.
United States, $24; Great Britain, $36; Germany, $896; Italy, $87. Total 1,043

Paper Collars and Cuffs.—Val., $6; K. I., 60%.
Germany, $2,226; Argentina, $108. Total..... 2,334

Paper Clippings for Hats.—Val., $3; K. I., 15%.
Germany, $66; Italy, $1,428. Total..... 1,494

Paper Serviettes.—Val. Var.; K. I., 60%.
Great Britain, $7; Germany, $28. Total..... $35

Envelopes.—Val., $1,70; K. I., 60%.
United States, $2,295; Great Britain, $14,892; Germany, $19,533; France, $1,564; Italy, $391; Spain, $306; Panama, $85. Total... 39,006

Paper or Cloth Book Covers.—Val., $6; K. I., 60%.
Great Britain, $48; Germany, $180; Italy, $840; Spain, $168. Total. 1,236

Cigar Cases.—Val., $6; K. I., 35%.
Great Britain, $2,010. Total..... 2,010

Stoppers for Firearms.—Val., $1; K. G., 35%.
Great Britain, $10; Germany, $447; France, $14. Total..... 471

Cards for Post, Visiting or Congratulation.—Val., $8; K. I., 60%.
United States, $1,272; Great Britain, $2,760; Germany, $21,736; France, $1,770; Italy, $744; Spain, $8,208. Total..... 36,496

Cards.—Val. Var.; K. I., 60%.
United States, $634; Great Britain, $3,123; Germany, $16,152; France, $1,344; Italy, $74; Spain, $558; Japan, $415. Total..... 22,300

Paper and Pasteboard. Total..... $3,607,312

VII.

BEVERAGES AND LIQUORS.

1. Waters, Syrups, Juices, etc..... $578,315
2. Liquors 1,443,987

1. WATERS, SYRUPS AND JUICES.

Waters, Mineral, Natural, etc.—Val., $0.20; K. G., 25%.
United States, $1,467; Great Britain, $210,516; Germany, $142,179; France, $111,294; Belgium, $3,792; Italy, $29,913; Spain, $52,905; Holland, $576; China, $1,269. Total..... $553,911

Syrups.—Val., $1.60; K. G., 90%.
Great Britain, $4,440; Germany, $1,048; France, $4,152; Italy, $16.
Total 1,656

Fruit Juices.—Val., $0.45; K. G., 25%.
United States, $45; Great Britain, $1,161; Germany, $11,412; France, $81; Spain, $648. Total..... 13,347

Common Vinegar.—Val., $0.20; K. G., 60%.
Great Britain, $4,031; Germany, $692; France, $472; Italy, $31; Spain, $87. Total 5,313

Vinegar, Concentrated, for Making Common Vinegar.—Val., $1; K. G., 60%.
Great Britain, $1; Germany, $4,077; France, $10. Total..... 4,088

Waters, Syrups and Juices. Total..... $578,315

2. LIQUORS.

Spirituous Liquor.—Val., $1.50; Bottle, Spc., $1.25.
Great Britain, $4,341; Germany, $1,350; France, $3,450; Italy, $138; Spain, $2,670; Peru, $1,113; China, $138. Total..... $13,200

Spirituous Liquor.—Val., $1.50; Litre, Spc., $1.50.
United States, $1,296; Great Britain, $2,925; Germany, $243; France, $2,724; Spain, $21; Brazil, $99; Peru, $540; China, $255. Total 8,103

Vermouth.—Val., $1.50; Bottle, Spc., $1.25.
Great Britain, $2,601; Germany, $276; France, $7,341; Italy, $54; Peru, $858. Total 11,130

Pure Alcohol.—Val., $1.50; Bottle, Spc., $1.25.
Great Britain, $162; Germany, $972; Spain, $108; Peru, $108. Total 1,350

Alcohols.—Val., $1.50; Litre, Spc., $1.50.
Great Britain, $5,028; Germany, $93; France, $609; Brazil, $99. Total 5,829

Bitters.—Val., $1.66; Bottle, Spc., $1.50.
United States, $12,725; Great Britain, $13,560; Germany, $5,540; France, $60,730; Belgium, $120; Italy, $23,925; Spain, $1,715; Norway, $40; Panama, $300. Total..... 118,655

Bitters.—Val., $1.50; Litre, Spc., $1.20.
France, $318. Total 318

Anise.—Val., $1.50; Bottle, Spc., $1.25.
Great Britain, $1,206; Germany, $711; France, $1,056; Spain, $3,663; China, $18. Total..... 6,654

Byrrh.—Val., $1; Bottle, Spc., $1.
Great Britain, $264; France, $1,416. Total..... 1,680

Bitters.—Val., $1.66; Bottle, Spc., $1.
Great Britain, $1,790; France, $7,205; Italy, $440; Spain, $100. Total 9,535

Cacao.—Val., $1.50; Bottle, Spc., $1.25.
Great Britain, $30; France, $1,575; Holland, $288. Total..... 1,893

Beer.—Val., $0.50; Bottle, Spc., $0.25.
United States, $1,565; Great Britain, $35,740; Germany, $13,327; France, $826; Spain, $515. Total..... 51,973

Beer.—Val., $0.60; Litre, Spc., $0.30.
Great Britain, $132. Total 132

Champagne.—Val., $1; Bottle, Spc., $1.
Great Britain, $19,808; Germany, $9,632; Spain, $193; Italy, $4,291; France, $121,610; Belgium, $2,653. Total..... 158,287

Kuemall.—Val., $1.50; Bottle, Spc., $1.25.
Great Britain, $291; Germany, $717; France, $108. Total..... 1,116

Cognac.—Val., $1.50; Bottle, Spc., $1.25.
United States, $360; Switzerland, $18; Spain, $4,137; Italy, $1,518; France, $123,444; Germany, $4,269; Great Britain, $52,743. Total. 186,489

Fernet.—Val., $1.66; Bottle, Spc., $1.
Germany, $234; France, $180; Italy, $12. Total..... $426

Sherry.—Val., $1; Bottle, Spc., $1.
Great Britain, $6,703; Germany, $1,922; France, $1,812; Italy, $756; Spain, $29,489; Portugal, $1,068. Total..... 41,750

Sherry.—Val., $1.25; Litre, Spc., $1.20.
Great Britain, $6,035; France, $775; Italy, $3,960. Total..... 10,770

Gin.—Val., $1.50; Bottle, Spc., $1.25.
Great Britain, $53,325; Germany, $9,519; France, $906; Italy, $72; Belgium, $1,944. Total..... 65,766

Sweet Liqueurs.—Val., $1.50; Bottle, Spc., $1.25.
Great Britain, $13,128; Germany, $5,421; France, $47,229; Belgium, $579; Italy, $4,419; Spain, $12,627; Holland, $234; Sweden, $558; Argentina, $18. Total 84,213

Peppermint.—Val., $1.50; Bottle, Spc., $1.25.
Great Britain, $450; France, $393; Italy, $171; Spain, $486. Total 1,500

Gin, Old Tom.—Val., $1.50; Bottle, Spc., $1.25.
Great Britain, $19,950; Germany, $360; France, $1.677. Total.... 21,984

Port.—Val., $1; Bottle, Spc., $1.
United States, $120; Great Britain, $10,403; Germany, $2,297; France, $5,259; Italy, $312; Spain, $10,069; Portugal, $25,885. Total 54,345

Port.—Val., $1.25; Litre, Spc., $1.20.
Great Britain, $6,310; France, $3,375; Spain, $1,400; Portugal, $4,125. Total 15,210

Pisco.—Val., $1.50; Bottle, Spc., $1.25.
Peru, $1,926. Total 1,926

Pisco.—Val., $1.50; Litre, Spc., $1.50.
Spain, $375; Peru, $117. Total..... 492

Rum.—Val., $1.50; Bottle, Spc., $1.25.
Great Britain, $2,145; Germany, $441; France, $4,536; Italy, $108; Spain, $180. Total 7,410

Vermouth.—Val., $1; Bottle, Spc., $1.
United States, $338; Great Britain, $6,520; Germany, $1,598; France, $25,978; Italy, $28,152; Spain, $4,100. Total..... 66,686

White and Red Wines.—Val., $1; Bottle, Spc., $1.
Great Britain, $31,222; Germany, $41,983; France, $72,453; Belgium, 587; Italy, $32,347; Spain, $30,509; Portugal, $5,049; Argentina, $492. Total 214,642

White and Red Wines.—Val., $1.25; Litre, Spc., $1.20.
United States, $210; Great Britain, $1,690; Germany, $2,445; France, $19,025; Italy, $1,510; Spain, $3,845; Portugal, $475; Argentina, $485; China, $230. Total..... 29,915

Quinine Wine.—Val., $1; Bottle, Spc., $1.
Great Britain, $72; France, $333; Spain, $384. Total..... 789

Whiskey.—Val., $1.50; Litre, Spc., $1.50.
Great Britain, $7,989; France, $1,761. Total 9,750

Whiskey.—Val., $1.50; Bottle, Spc., $1.25.
United States, $10,893; Portugal, $102; Spain, $120; Italy, $558; France, $7,254; Germany, $12,663; Great Britain, $208,479. Total $240,069

Liquors. Total $1,443,987

VII. BEVERAGES AND LIQUORS.

1.	Waters, Syrups, Juices, etc	$578,315
2.	Liquors	1,443,987
	Total	$2,022,302

VIII.

PERFUMERY, DRUGS AND CHEMICAL PRODUCTS.

1.	Perfumery	$421,795
2.	Drugs	1,486,173
3.	Chemical Products	1,284,224

1. PERFUMERY.

Oils and Brilliantines for the Hair.—Val. Var.; K. I., 60%.
United States, $9,797; Great Britain, $3,993; Germany, $3,476; France, $2,351; Italy, $1,224; Spain, $136. Total $20,977

Toilet Waters, Vinegars and Salts.—Val. Var.; K. I., 60%.
United States, $16,878; Great Britain, $16,288; Germany, $4,151; France, $11,725; Italy, $491. Total 49,533

Scented Pillows, Bags and Sachets.—Val. Var.; K. I., 60%.
United States, $20; Great Britain, $208; Germany, $124; France, $384; Italy, $480. Total 1,216

Creams and Pomades for the Face.—Val. Var.; K. I., 60%.
United States, $1,372; Great Britain, $4,763; Germany, $1,120; France, $15,823; Belgium, $20; Italy, $135; Panama, $150. Total 23,383

Dentifrices.—K. I., 60%.
United States, $4,117; Great Britain, $5,822; Germany, $7,272; France, $6,945; Italy, $93; Spain, $105; China, $360. Total 24,714

Toilet Extracts and Essences.—K. I., 60%.
United States, $2,370; Great Britain, $19,476; Germany, $9,678; France, $45,984; Belgium, $1,164; Italy, $3,984. Total 82,656

Toilet Soaps.—Val. Var.; K. I., 60%.
United States, $7,948; Great Britain, $28,506; Germany, $26,683; France, $28,322; Belgium, $115; Italy, $3,390; Spain, $75; Switzerland, $25. Total 95,064

Hair Pastes and Dyes.—Val. Var.; K. I., 60%.
United States, $1,152; Great Britain, $1,278; Germany, $306; France, $10,686; Italy, $72; Spain, $738. Total 14,232

Face Powder.—K. I., 60%.
United States, $2,780; Great Britain, $18,220; Germany, $5,485; France, $60,480; Belgium, $5; Italy, $22,710; Peru, $320; China, $20. Total $110,020

Perfumery. Total $421,795

2. DRUGS.

Almond Oil.—Val., $1; K. I., 25%.
United States, $65; Great Britain, $777; Germany, $2,160; France, $996. Total $4,821

Cod Liver Oil.—Val., $2.40; K. I., 25%.
United States, $31,632; Great Britain, $2,532; Germany, $588; France, $384. Total 35,136

Medicinal Oils.—Val. Var.; K. I., 25%.
United States, $8,483; Great Britain, $9,700; Germany, $15,862; France, $1,536; Italy, $2,535; Spain, $417; China, $128. Total... 38,661

Medicinal Waters.—Val. Var.; K. I., 25%.
United States, $2,434; Great Britain, $1,734; Germany, $3,700; France, $7,461; Italy, $120. Total 15,449

Turpentine, Rectified.—Val., $0.80; K. I. E., 15%.
Great Britain, $32; Germany, $16. Total 48

Alcoholates.—Val. Var.; K., 25%.
United States, $57; Great Britain, $1,312; Germany, $800; France, $663. Total 2,832

Vegetable Tar.—Val., $0.65; K. I., free.
Great Britain, $39; Germany, $1,209. Total 1,248

Articles of Animal Matter for Chemists.—Val. Var.; K., 25%.
United States, $6; Great Britain, $24; Germany, $482; France, $1,174. Total 1,686

Articles of Vegetable Matter for Chemists.—Val. Var.; K., 25%.
United States, $650; Great Britain, $4,642; Germany, $23,527; France, $2,783; Italy, $2,883. Total 34,485

Textile Articles for Chemists.—Val. Var.; K., 25%.
United States, $12,029; Italy, $540; France, $10,415; Germany, $26,668; Great Britain, $16,365. Total 66,017

Sulphur.—Val., $0.056; G. I., 15%.
Great Britain, $28; Germany, $6,706; France, $112; Italy, $434. Total 7,280

Balsam.—Val. Var.; K. G., 25%.
United States, $1,148; Great Britain, $716; Germany, $4,130; France, $1,000; Italy, $192. Total 7,186

Homœopathic Medicine Chests.—Val. Var.; Each, 25%.
United States, $60; Germany, $369. Total 429

Trusses for Invalids.—Val., $11; K. N., 25%.
United States, $550; Great Britain, $70,224; Germany, $4,719; France, $781; Italy, $66. Total 76,340

Capsules, Powders, Pills, Wafers, Etc.—Val. Var.; K., 25%.
United States, $70,662; Great Britain, $12,040; Germany, $51,380; France, $83,524; Italy, $3,362; Panama, $336. Total..... $221,304

Medicinal Leaves, Flowers, Bark, Etc.—Val. Var.; K. G., 25%.
United States, $315; Great Britain, $2,439; France, $1,541; Germany, $47,691; Italy, $8,350; Spain, $299; Argentina, $90; Bolivia, $13,311; Ecuador, $1,230; Peru, $159; China, $806. Total 76,221

Drugs, Assorted.—Val. Var.; K., 25%.
United States, $681; Great Britain, $19,390; Germany, $27,584; France, $5,668; Italy, $2,760; China, $21,724; Turkey, $26,054; Argentina, $776; Uruguay, $65. Total..... 104,720

Medicinal Elixirs and Liniments.—Val., $1.60; K. G., 25%.
United States, $1,664; Great Britain, $8,568; Germany, $3,056; France, $28,416; Italy, $16; Spain, $80; Argentina, $8. Total... 41,808

Medicinal Plasters.—Val. Var.; K., 25%.
United States, $14,238; Great Britain, $27,194; Germany, $6,271; France, $76,252; Italy, $44; Spain, $20. Total..... 124,019

Essences and Extracts.—Val. Var.; K., 25%.
United States, $9,683; Great Britain, $29,988; Germany, $83,320; France, $11,854; Italy, $9,990; Spain, $1,480; Brazil, $304; Argentina, $40; China, $304. Total..... 146,963

Specifics, Various.—Val. Var.; K., 25%.
United States, $21,544; Great Britain, $9,532; Germany, $22,430; France, $28,124; Italy, $1,949. Total..... 83,579

Cacodilated Soda Drops or Solution.—Val., $40; K. I., 25%.
United States, $40; Germany, $120; France, $8,040; Italy, $40. Total 8,240

Medicinal Soap, Green, Mellow.—Val., $0.20; K. G., 25%.
Great Britain, $354; Germany, $678; France, $215. Total..... 1,247

Soaps, Carbolic, Sulphur, Tar, Etc.—Val., $2; K. I., 25%.
United States, $30,328; Great Britain, $6,558; Germany, $22,198; France, $5,028; Italy, $1,152; Spain, $254. Total..... 65,558

Medicinal Syrups.—Val., $1.60; K. G., 60%.
United States, $18,480; Great Britain, $2,432; Germany, $1,336; France, $25,616; Italy, $176; Panama, $320. Total..... 48,360

Cocoa Butter.—Val. Var.; K., 25%.
United States, $46; Great Britain, $18; Germany, $5,498; Italy, $4; France, $486. Total..... 6,052

Medicinal Pastiles, Pastes, Etc.—Val. Var.; K. I., 25%.
United States, $4,298; Great Britain, $7,202; Spain, $144; Italy, $120; France, $16,042; Germany, $9,416; Panama, $16. Total... 37,238

Pomades and Ointments.—Val. Var.; K. I., 25%.
United States, $2,538; Great Britain, $2,628; Germany, $396; France, $702. Total..... 6,264

Medicinal Roots.—Val. Var.; K. G., 25%.
United States, $858; Great Britain, $752; France, $381; Italy, $650; Germany, $20,607; Peru, $174; China, $1,710. Total..... 25,132

Salts of Magnesia, Potash, Etc.—Val., $1.60; K. I., 25%.
United States, $1,488; Great Britain, $17,240; Germany, $12,616; France, $8,918; Italy, $664; Spain, $136. Total..... $41,062

Leeches.—Val., $16; Hundred, free.
Great Britain, $1,296. Total..... 1,296

Medicinal Seeds.—Val. Var.; K. G., 25%.
United States, $24; Great Britain, $84; Germany, $1,767; France, $96; Italy, $306. Total..... 2,277

Medicinal Solution in Water.—Val., $1.60; K. G., 25%.
United States, $36,672; Great Britain, $2,656; Italy, $592; France, $21,776; Germany, $14,496; Argentina, $40. Total..... 76,232

Court Plaster, Cloth and Rubber Plasters for Wounds.—Val., $12; K. I., 25%.
Great Britain, $2,772; Germany, $1,776; France, $2,964. Total... 7,512

Tamarinds.—Val., $0.30; K. G., 25%.
Great Britain, $87; Germany, $372; France, $21; Ecuador, $5,691; Peru, $4,440. Total 10,611

White and Yellow Vaseline.—Val., $1.20; K. I., 25%.
United States, $924; Great Britain, $4,368; Germany, $20,928; France, $690; Italy, $210. Total..... 27,120

Medicinal Wines.—Val., $20; Doz., Spc., $12.
United States, $1,420; Great Britain, $1,020; Germany, $26,400; France, $2,680; Italy, $140; Spain, $40; Switzerland, $80. Total. 31,780

Drugs. Total.....$1,486,173

3. CHEMICAL PRODUCTS.

Sulphuric Acid.—The manufacture of sulphuric acid has greatly increased, its production being much favored by the State.

Carbolic Acid.—Val., $1.60; K. I., 25%.
Great Britain, $720; Germany, $7,432; France, $536. Total..... $8,688

Muriatic Acid.—Val., $0.15; K. G., 25%.
United States, $3; Great Britain, $2,271; Germany, $3,603; France, $45. Total 5,922

Sulphuric Acid, Packed in Clay or Tin.—Val., $0.08; K. G., 25%.
United States, $8; Great Britain, $236; Germany, $8,804; France, $24; Belgium, $10. Total 9,082

Nitric Acid.—Val., $0.40; K. G., 25%.
Great Britain, $1,114; Germany, $1,370. Total..... 2,484

Boric Acid, Crystallized or in Powder.—Val., $0.50; K. N., 25%.
Great Britain, $1,411; Germany, $7,451; France, $542; Italy, $50. Total 9,454

Citric or Tartaric Acid.—Val., $2; K. N., 25%.
United States, $950; Great Britain, $9,446; Germany, $40,402; France, $3,730; Belgium, $1,380; Italy, $1,146. Total..... 57,054

Arsenic, Phosphoric, Oxalic and Non-Specified Acids.—Val. Var.; K. N., 25%.
United States, $1; Great Britain, $1,270; Germany, $16,822; Italy, $9; France, $1,266. Total $19,368

Carbonic, Oleic, Fluorhydric, etc., Acids.—Val. Var.; K. I., 25%.
Great Britain, $1,635; Germany, $6,070. Total 7,705

Acids, Various Classes.—Val. Var.; K. G., 25%.
United States, $42; Great Britain, $870; Germany, $11,911; France, $190; Italy, $12. Total 13,025

Alkaloids and Their Salts.—Val. Var.; G., 25%.
United States, $81; Great Britain, $2,482; Germany, $32,437; France, $5,721; Italy, $144. Total 40,865

Camphor.—Val. Var.; K. N., 25%.
United States, $20; Great Britain, $1,238; Germany, $7,003; France, $110; Italy, $24. Total 8,395

Copperas or Sulphate of Iron.—Val., $0.06; K. G., free.
Great Britain, $225; Germany, $1,680; France, $9. Total 1,914

Methylic Alcohol.—Val., $3; K. N., 25%.
Great Britain, $12; Germany, $105; France, $96. Total 213

Aluminum.—Val. Var.; K. N., 25%.
Great Britain, $16; Germany, $189; France, $8. Total 213

Liquid Ammoniac.—Val., $0.20; K. I., 25%.
United States, $291; Great Britain, $767; Germany, $4,546; France, $8. Total 5,612

Alum of Chromium.—Val., $1.20; K. N., 5%.
Great Britain, $78; Germany, $264; France, $6. Total 348

Alum, Other Classes.—Val. Var.; K. G., 5%.
United States, $162; Great Britain, $1,569; Germany, $14,178; France, $114; Belgium, $284; Italy, $12. Total 16,319

Antimony and Its Salts.—Val. Var.; K. N., 25%.
United States, $220; Great Britain, $1,548; Germany, $2,419; France, $164. Total 4,351

Arsenic.—Val. Var.; K. N., 25%.
Germany, $112; France, $558. Total 670

Sulphur, Whole, Ground or Sublimate.—Val., $0.10; K. G., 25%.
Great Britain, $2,536; Germany, $58,549; France, $33; Italy, $53,706. Total 114,824

Barytes.—Val. Var.; K., 25%.
Great Britain, $448; Germany, $2,517; France, $2,440; Italy, $126. Total 5,531

Bicarbonate for Manufacture.—Val., $0.10; K. G., 25%.
United States, $3,346; Great Britain, $6,867; Germany, $5,004; France, $188; Belgium, $100; Italy, $40; Uruguay, $11. Total... 15,556

Bichromate of Potash.—Val., $0.95; K. N., free.
Germany, $7,524. Total 7,524

Bismuth and Its Salts.—Val. Var.; K. N., 25%.
Great Britain, $1,296; Germany, $5,248; France, $1,524; Italy, $144. Total..... $8,212

Cadium and Its Salts.—Val., $14; K. N., 25%.
Great Britain, $14; Germany, $56. Total..... 70

Calcium.—Val. Var.; K., 25%.
United States, $1,730; Great Britain, $4,218; Germany, $8,108; France, $464. Total 14,520

Calcium Carbonate.—Val., $5; K. I., 25%.
Spain, $205. Total 205

Carbonate of Ammonia.—Val., $0.32; K. G., 5%.
Great Britain, $5,928; Germany, $3,600; France, $32; Italy, $32. Total 9,592

Soda Ashes.—Val., $0.06; K. G., 60%.
Great Britain, $20,325; Germany, $2,133; France, $18; Italy, $42. Total 22,518

Cyanid of Potash and Soda.—Val. Var.; K. N., free.
Great Britain, $432; Germany, $40,176; France, $288. Total.... 40,896

Zinc.—Val. Var.; K., 25%.
Great Britain, $726; Germany, $780; France, $132. Total..... 1,640

Chlorate of Potash.—Val., $0.50; K. G., 5%.
United States, $865; Great Britain, $6,130; Germany, $19,481; France, $20. Total 26,496

Chloride of Chalk.—Val., $0.10; K. G., 5%.
United States, $200; Great Britain, $8,685; Germany, $17,202; France, $48; Belgium, $2,200; Italy, $249. Total..... 28,584

Cobalt, Oxide, Black or Gray.—Val., $16; K. N., 25%.
Germany, $9,600. Total..... 9,600

Copper.—Val. Var.; K. N., 25%.
Great Britain, $24; Germany, $725; France, $105. Total..... 854

Crystallized Soda.—Val., $0.04; K. G., 60%.
United States, $1,082; Great Britain, $46,683; Germany, $9,551; France, $342; Belgium, $8,836; Italy, $12. Total..... 66,506

Chloride of Tin.—Val., $1.30; K. N., 25%.
Great Britain, $78; Germany, $13. Total..... 91

Ether.—Val. Var.; K. N., 25%.
Great Britain, $638; Germany, $2,166; France, $169. Total..... 2,973

Ether, Chemical, Pure.—Val. Var.; Grms. N., 25%.
United States, $108; Great Britain, $96; Germany, $1,812; France, $168. Total 2,184

Strontia.—Val. Var.; K. N., 25%.
Great Britain, $10; Germany, $376; France, $16. Total..... 402

Iron Cyanid.—Val., $2.40; K. N., free.
Germany, $4.80. Total 480

Phosphorus, Red, Amorphous and in Ingots.—Val., $4; K. I., free.
Great Britain, $64; Germany, $13,576. Total..... 13,640

Glycerine.—Val., $0.75; K. I., 25%.
United States, $5,670; Great Britain, $3,558; Germany, $10,353; France, $369; Italy, $129. Total..... $20,079

Iron.—Val. Var.; K., 25%.
Great Britain, $1,300; Germany, $3,842; France, $284; Italy, $50. Total 5,476

Hyposulphate of Soda.—Val., $0.08; K. G., free.
Great Britain, $10; Germany, $5,766; France, $28. Total..... 5,804

Litharge.—Val., $0.30; K. G., 25%.
United States, $36; Great Britain, $195; Germany, $2,493; France, $27; Italy, $6. Total 2,757

Lithia and Its Salts.—Val., $20; K. N., 25%.
Great Britain, $20; Germany, $20; France, $500. Total..... 540

Magnesia.—Val. Var.; K., 25%.
Great Britain, $3,989; Germany, $6,548; France, $943; Italy, $916. Total 12,396

Manganese.—Val. Var.; K., 25%.
Great Britain, $436; Germany, $385; France, $3. Total..... 824

Mercury and Its Preparations.—Val. Var.; K. N., 25%.
United States, $192; Great Britain, $902; Germany, $3,288; France, $278; Italy, $48. Total..... 4,708

Methylene, for Denaturalizing Alcohols.—Val., $0.40; K. G., 25%.
Germany, $5,200; France, $9,262. Total..... 14,462

Nickel.—Val. Var.; K. N., 25%.
Germany, $340; France, $808. Total..... 1,148

Nitrate of Silver.—Val., $0.036; G. N., 25%.
United States, $72; Great Britain, $1,233; Germany, $2,034; France, $9,378. Total..... 12,717

Nitrate of Potash.—Val., $0.80; K. N., 15%.
Great Britain, $40; Germany, $424; France, $12. Total..... 476

Chloride of Gold.—Val., $1; G. N., 25%.
Great Britain, $229; Germany, $2,150; France, $20,000; Italy, $30. Total..... 22,409

Platinum and Its Salts.—Val., $1.60; G. N., 25%.
Great Britain, $240; Germany, $2,120; France, $32,000. Total... 34,360

Lead.—Val. Var.; K., 25%.
Great Britain, $42; Germany, $2,942; France, $18. Total..... 3,002

Potash.—Val. Var.; K., 25%.
United States, $128; Great Britain, $5,491; Germany, $23,430; France, $8,328; Italy, $313. Total..... 37,690

Potash, Caustic, Purified.—Val., $1.60; K. N., 5%.
Great Britain, $16; Germany, $56. Total..... 72

Chemical Products, Sundry.—Val. Var.; G., 25%.
United States, $737; Great Britain, $1,214; Germany, $13,949; France, $6,190; Italy, $203. Total..... 22,293

Chemical Products, Sundry.—Val. Var.; K., 25%.
United States, $596; Great Britain, $10,517; Germany, $75,065; France, $9,228; Italy, $499. Total..... $95,905

Salts of Ammonia.—Val. Var.; K. N., 5%.
Great Britain, $8,225; Germany, $2,637; France, $435. Total.... 11,297

Salts of Ammonia.—Val. Var.; K. G., 5%.
United States, $158; Great Britain, $1,269; Germany, $9,422; France, $32. Total..... 10,881

Silicate, Whole or in Powder.—Val., $0.12; K. G., 5%.
Great Britain, $5,334; Germany, $16,377; Belgium, $636. Total.. 22,347

Soda and Its Salts.—Val. Var.; K., 25%.
United States, $1,157; Great Britain, $45,021; Germany, $110,956; France, $2,385; Belgium, $948; Italy, $261. Total..... 160,728

Soda, Caustic, Purified.—Val., $0.80; K. N., 5%.
Great Britain, $72; Germany, $4,040. Total..... 4,112

Soda, Caustic, Impure.—Val., $0.14; K. G., 5%.
United States, $2,352; Great Britain, $116,031; Germany, $6,146. Total 124,529

Sulphate of Copper, Pure.—Val., $2; K. N., 25%.
Great Britain, $10; Germany, $44; France, $240. Total..... 294

Sulphate of Copper, Unrefined.—Val., $0.30; K. G., 15%.
United States, $6,609; Great Britain, $20,337; Germany, $13,152; France, $33; Belgium, $15. Total..... 40,146

Sulphate of Soda, Impure.—Val., $0.12; K. G., 5%.
Great Britain, $1,230; Germany, $2,593; Belgium, $1,428. Total.. 5,251

Iodine.—Val. Var.; K. N., 25%.
Great Britain, $1,511; Germany, $1,128; France, $302. Total.... 2,941

Chemical Products. Total.....$1,284,224

VIII. PERFUMERY, DRUGS AND CHEMICAL PRODUCTS.

1.	Perfumery	$421,795
2.	Drugs	1,486,173
3.	Chemical Products.....	1,284,224
	Total	$3,192,192

IX.

MACHINERY, INSTRUMENTS, TOOLS, ETC.

1.	Arts and Sciences.....	$2,295,982
2.	Mining	2,573,518
3.	Agriculture	2,923,179
4.	Industrial Manufactures.....	14,587,057
5.	Locomotion	2,621,068

1. ARTS AND SCIENCES.

Accordions or Harmoniums, with Bellows.—Val., $2; K. I., 35%.
Great Britain, $1,286; Germany, $31,840; France, $788; Italy, $352; Belgium, $68. Total..... $34,334

Insulators for Telegraph or Telephone.—Val., $0.60; K. G., free.
United States, $12,099; Great Britain, $11,058; Germany, $81,909; France, $3. Total..... 105,069

Catheters, Bougies and Sounds.—Val. Var.; K. I., free.
Great Britain, $190; Germany, $2,840; France, $1,200. Total.... 4,230

Anchors and Kedges.—Val., $0.20; K. G., free.
United States, $91; Great Britain, $3,668; Germany, $2,127; France, $119. Total..... 6,005

Glasses and Lenses Set with Sterling Metal.—Val., $60; Doz., 5%.
Great Britain, $120; Germany, $1,080; France, $120. Total..... 1,320

Glasses, Lenses, Spectacles and Monocles.—Val. Var.; Doz., 25%.
United States, $320; Great Britain, $1,900; Germany, $3,292; France, $6,675. Total..... 12,187

Marine Glasses.—Val. Var.; Each, 25%.
Great Britain, $96; Germany, $368; France, $66. Total..... 530

Opera Glasses.—Val. Var.; Each, 35%.
Great Britain, $2,496; Germany, $3,286; France, $4,078. Total.. 9,860

Glasses, Not Specified.—Val. Var.; Doz., 35%.
Great Britain, $184; Germany, $48; France, $12. Total..... 244

Fish Hooks.—Val., $2; K. G., free.
United States, $40; Great Britain, $5,254; Germany, $856; France, $32. Total..... 6,182

Marine Instruments and Apparata.—Val. at sight; K. G., free.
United States, $15,300; Great Britain, $13,174. Total..... 28,474

Telegraphic Apparata.—Val., $80; Each, free.
United States, $2,880; Great Britain, $1,040; Germany, $4,560; Peru, $400. Total..... 8,880

Weights and Scales.—Val. Var.; K. G., 25%.
United States, $76,633; Great Britain, $57,095; France, $513; Germany, $9,944; Belgium, $2,086. Total..... 146,271

Apothecary Scales.—Val. Var.; Each, free.
United States, $90; Great Britain, $40; Germany, $1,440; France, $20; Italy, $20. Total..... 1,610

Scales for Chemical Purposes.—Val. at sight; Each, 5%.
United States, $100; Great Britain, $1,048; Germany, $4,499; France, $170. Total..... 5,817

Small Scales for Weighing Gold.—Val. Var.; Each, 25%.
Germany, $176; France, $248; Belgium, $32. Total..... 456

Barometers.—Val. at sight; Each, free.
United States, $203; Great Britain, $2,226; Germany, $4,181; France, $405; Italy, $198. Total..... 7,213

Musical Boxes.—Val. Var.; Each, 35%.
United States, $250; Great Britain, $15; Germany, $9,511; France, $380. Total..... $10,156

Cylinders for Phonographs.—Val. Var.; K. I., 25%.
United States, $4,105; Great Britain, $125; Germany, $3,785; France, $41,235; Italy, $10; Switzerland, $135; Argentina, $100. Total 49,945

Cinematographs and Magic Lanterns.—Val. at sight; Each, 25%.
United States, $815; Germany, $515. Total..... 1,330

Ribbons for Typewriters.—Val., $27; Doz., free.
United States, $7,614; Great Britain, $168. Total..... 7,782

Binnacle Compasses, and for Mathematics.—Val. at sight; K. G., free.
United States, $108; Great Britain, $1,293; Germany, $2,372; France, $229. Total..... 4,002

String Instruments.—Val. Var.; K. I., 35%.
Germany, $12,596; France, $4,258; Italy, $505; Spain, $355; Switzerland, $555. Total..... 18,269

Deep Sea Lead.—Val., $0.25; K. G., free.
Great Britain, $30. Total..... 30

Cases of Instruments for Drawing and Mathematics.—Val., at sight; Each, free.
Great Britain, $866; Germany, $19,983; France, $418. Total.... 21,267

Cases of Scientific Instruments.—Val. at sight; Each, free.
United States, $105; Great Britain, $3,574; Germany, $4,616; France, $4,809; Italy, $177. Total..... 13,281

Phonographs and Gramaphones.—Val. at sight; Each, 25%.
United States, $12,356; Great Britain, $610; Italy, $100; France, $5,255; Germany, $5,765; Argentina, $225. Total..... 24,311

Guitars.—Val. Var.; Each, 35%.
Great Britain, $108; Germany, $19,676; France, $1,992; Italy, $324; Spain, $16,785; Switzerland, $90; Argentina, $6. Total.... 38,981

Garnet Scales.—Val., $2; Each, 25%.
United States, $18; Great Britain, $4; Germany, $430; France, $8. Total 460

Professional Implements, etc.—Val., $1.40; K. G., free.
United States, $2,086; Great Britain, $4,137; Germany, $1,869; France, $1,001. Total 9,093

Furnaces and Utensils for Testing and Refining.—Val. at sight.; K. G., free.
United States, $16,223; Great Britain, $17,372; Germany, $11,839; France, $1,548; Italy, $8. Total..... 46,990

Indicators and Manometers.—Val., $2; K. G., free.
United States, $430; Great Britain, $1,692; Germany, $1,172. Total 3,294

Inhalers and Insufflators.—Val., $6; K. I., 25%.
United States, $852; Great Britain, $1,812; Germany, $7,320; France, $2,064. Total 12,048

Surgical, Physical, Mathematical and Other Scientific Instruments.—Val. at sight; K. I., free.
United States, $18,718; Great Britain, $45,312; Italy, $300; France, $40,296; Germany, $62,146; Spain, $4,700; Switzerland, $365. Total $171,837

Surgical, Mathematical and Other Scientific Instruments.—Val at sight; Each, free.
United States, $14,525; Great Britain, $5,371; Germany, $23,061; France, $3,463; Italy, $50; Uruguay, $150. Total 46,620

Musical String Instruments.—Val. Var.; Each, 35%.
Great Britain, $47; Germany, $11,092; France, $1,167; Italy, $552; Spain, $1,170; Argentina, $40. Total 14,068

Wind Instruments.—Val. Var.; K. I., 35%.
United States, $1,096; Great Britain, $1,307; France, $3,625; Germany, $71,563; Italy, $1,278; Spain, $176; Switzerland, $280. Total 79,325

Wind Instruments.—Val. Var.; Each, 35%.
Great Britain, $653; Germany, $6,553; France, $1,101. Total.... 8,307

Musical Instruments, Various.—Val. Var.; K., 35%.
Germany, $464; France, $130. Total 594

Musical Instruments, Various.—Val. Var.; Each, 35%.
Germany, $345; France, $120. Total 465

Syringes for Hypodermic Injections.—Val., $40; Doz., free.
United States, $80; Great Britain, $8,600; Germany, $1,280; France, $480. Total 10,440

Electric Hand Lamps.—Val. Var.; Each, 25%.
United States, $30; Great Britain, $192; Germany, $1,493; France, $50. Total 1,765

Photographic Cameras and Utensils.—Val. Var.; K., free.
United States, $15,248; Germany, $10,732; France, $4,097; Great Britain, $4,020; Italy, $429; Argentina, $214. Total..... 34,740

Photographic Cameras.—Val. at sight; Each, free.
United States, $1,850; Great Britain, $174; Germany, $2,489; France, $3,925. Total 8,438

Electric Machines and Instruments.—Val. at sight; Each, free.
United States, $1,894; Great Britain, $174; Germany, $1,888; France, $325. Total 4,281

Cash Registers.—Val., $2,09; K. G., 25%.
United States, $19,572. Total..... 19,572

Printing and Lithographic Machines.—Val. Var.; K. G., free.
United States, $193,435; Great Britain, $54,322; Italy, $14,613; Germany, $188,382; France, $19,479..... 470,231

Typewriters.—Val., $100; Each, 25%.
United States, $188,300; Great Britain, $900; Germany, $22,500; France, $800; Switzerland, $6,000; Argentina, $300. Total..... 218,800

Metronomes.—Val., $6; Each, 25%.
Germany, $900; France, $54. Total..... 954

Organs with Blowers.—Val., $1.60; K. G. Germany, $688; Italy, $216. Total	$904
Hydrometers and Aerometers.—Val., $2; Doz., free. Great Britain, $46; Germany, $200; France, $600; Italy, $48. Total	894
Horizontal Pianos.—Val., $1.80; K. G., 35%. Great Britain, $2,439; Germany, $54,457; France, $1,800; Italy, $441. Total	59,137
Upright Pianos.—Val., $1.30; K. G., 35%. United States, $12,792; Great Britain, $15,977; Italy, $1,690; France, $11,141; Germany, $251,498; Panama, $1,885; Peru, $403; Argentina, $429. Total	295,815
Upright Pianos.—Val., $1.30; K. G. Germany, $351. Total	351
Pianolas and Electric Pianos.—Val., $1.60; K. G., 35%. United States, $3,368; Great Britain, $6,080; Germany, $3,608; France, $720. Total	13,776
Pieces for Pianos and Other Instruments.—Val. Var.; K., 5%. Germany, $2,456; France, $168; Argentina, $144. Total	2,768
Pieces and Tools for Musical Instruments.—Val. Var.; K. I., 35%. Great Britain, $410; Germany, $846; France, $66. Total	1,322
Pieces and Tools for Musical Instruments.—Val., $10; Doz., 35%. United States, $10; Germany, $710; France, $60. Total	780
Polygraphs.—Val. at sight; each, 35%. United States, $72; Great Britain, $49; Germany, $12; Italy, $40. Total	173
Clocks.—Val. at sight; Each, 35%. United States, $20,713; Great Britain, $15,383; Germany, $63,585; France, $4,908; Italy, $1,812; Switzerland, $448; Panama, $2,977. Total	109,826
Telephones and Apparata.—Val., $20; Each, free. United States, $19,800; Great Britain, $14,280; Germany, $17,820; France, $340; Belgium, $2,000; Italy, $20; Norway, $200. Total.	54,460
Thermometers.—Val. Var.; Doz., free. United States, $800; Great Britain, $2,240; France, $864; Italy, $64; Germany, $16,871. Total	20,839
Bath Thermometers.—Val., $4; Doz., 25%. United States, $8; Great Britain, $48; Germany, $632; France, $36. Total	724
Tools, etc., for Telegraphs and Telephones.—Val. Var.; K. G., free. United States, $1,797; Great Britain, $189; Germany, $645; France, $258. Total	2,889
Electric Ventilators.—Each, 25%. United States, $1,416. Total	1,416
Arts and Sciences. Total	$2,295,982

2. MINING.

Pocket Compasses.—Val. at sight; Each, free.
Germany, $245; France, $304. Total $549

Small Bars.—Val., $0.20; K. G., 35%.
Great Britain, $12,702; Germany, $228. Total..... 12,930

Augers and Drills for Perforating Rocks.—Val., $0.65; K. G., free.
United States, $1,482; Germany, $13. Total..... 1,495

Tubs or Trays for Use in Mines.—Val., $0.20; K. G., free.
United States, $3,645; Great Britain, $3,454; Germany, $8,320. Total 15,419

Air Pumps or Steam Battering Rams for Mines.—Val. at sight.; K. G., free.
United States, $299; Great Britain, $198,327; Germany, $22,932; France, $59,249. Total 280,807

Steam Generating Boilers Without Engines.—Val., $0.40; K. G., 15%.
United States, $672; Great Britain, $93,896; Germany, $67,486; Belgium, $13,400. Total 175,454

Iron Mauls or Sledge Hammers.—Val., $0.40; K. G., free.
United States, $1,714; Great Britain, $46,692; Germany, $35,098; Belgium, $332. Total 83,836

Sieves.—Val. Var.; K. G., free.
Great Britain, $2,957; Germany, $211; France, $114. Total..... 3,282

Mining Implements and Their Supplies.—Val., $1.40; K. G., free.
Great Britain, $84; Germany, $14. Total..... 98

Small Lamps for Mines.—Val. Var.; K. G., free.
Great Britain, $5,622; Germany, $1,088; Belgium, $507. Total... 7,217

Hoisting Machines.—Val. at sight; K. G., free.
United States, $8,853; Great Britain, $850. Total 9,703

Engines, etc., and Their Parts.—Val. at sight; K. G., free.
United States, $336,600; Great Britain, $281,319; Germany, $170,525. Total 788,444

Perforators for Mines.—Val., $0.65; K. G., free.
United States, $2,743. Total..... 2,743

Valves and Pieces for Engines.—Val. Var.; K. G., free.
United States, $132,332; Great Britain, $685,843; Italy, $744; Germany, $336,569; France, $16,406; Belgium, $11,777; Spain, $1,131; Switzerland, $1,470; Argentina, $30. Total..... 1,186,302

Iron and Steel Stone Picks.—Val., $0.65; K. G., free.
Great Britain, $780. Total..... 780

Iron and Steel Mills.—Val., $0.65; K. G., free.
Great Britain, $4,469. Total..... 4,469

Mining. Total.....$2,573,518

3. AGRICULTURE.

Glasses for Sulphuring Vines.—Val., $1.30; Doz., free.
United States, $13; Germany, $13. Total..... $26

Ploughs and Their Parts.—Val., $0.30; K. G., free.
United States, $303,235; Great Britain, $4,974; Germany, $45,213; France, $33. Total..... 353,235

Hoes.—Val., $0.60; K. G., free.
United States, $2,766; Great Britain, $29,364; Germany, $4,599; France, $1,560. Total..... 38,289

Pumps for Racking Wine, Bronze or Copper.—Val., $3; K. G., free.
United States, $1,428; Great Britain, $600; Germany, $543; France, $3,828. Total..... 6,399

Iron or Steel Pumps for Wells.—Val., $0.45; K. G., 25%.
United States, $5,589; Great Britain, $1,962; Germany, $6,183; France, $117. Total..... 13,851

Iron or Steel Pumps for Racking Wine.—Val., $0.80; K. G., free.
United States, $1,552; Great Britain, $7,240; Germany, $2,892; France, $4,508. Total..... 16,192

Pumps and Battering Rams.—Val. at sight; K. G., free.
United States, $2,710; Great Britain, $15,083; Germany, $6,062. Total..... 23,955

Small Garden Pumps, Iron, Bronze or Copper.
United States, $96; Great Britain, $105. Total..... 201

Sulphur Bellows.—Val., $0.60; K. G., 5%.
United States, $18; France, $357. Total..... 375

Harrows or Reapers.—Val., $0.60; K. G., free.
United States, $23,898; Great Britain, $1,872; Germany, $504. Total..... 26,274

Farm Axes or Hatchets, with or without Handles.—Val., $0.80; K. G., free.
United States, $15,536; Great Britain, $17,288; Germany, $21,904. Total..... 54,728

Scythes or Mowers.—Val., $0.70; K. G., free.
United States, $49; Great Britain, $21,889; Germany, $2,658; France, $2,716. Total..... 27,312

Garden Tools.—Val., $0.70; K. G., 5%.
United States, $357; Great Britain, $637; Germany, $133; France, $63. Total..... 1,190

Tools, Assorted.—Val. Var.; K. G., free.
United States, $7,382; Great Britain, $2,893; Germany, $11,212; Italy, $399; France, $5,720; Argentina, $32. Total..... 27,638

Forked Poles, Iron and Steel.—Val., $0.60; K. G., free.
United States, $23,952; Great Britain, $2,088; Germany, $2,409. Total..... 28,449

Machines, Etc., and Their Parts.—Val. at sight; K. G., free.
United States, $1,154,613; Great Britain, $234,010; Italy, $1,300; Germany, $80,302; France, $22,516; Belgium, $1,240; Argentina, $247. Total.....$1,494,228

Mills.—Val. at sight; K. G., free.
United States, $34,136; Great Britain, $57,503; France, $15,379; Germany, $31,696; Italy, $78. Total..... 138,792

Grafting and Pruning Knives.—Val., $6; K. I., free.
Great Britain, $18; France, $12. Total..... 30

Shovels or Spades.—Val. Var.; K. G., free.
United States, $22,866; Great Britain, $132,693; France, $2,811; Germany, $31,348; Belgium, $175. Total..... 189,893

Picks.—Val. Var.; K. G., free.
United States, $2,199; Great Britain, $15,137; Germany, $6,038; France, $2,148. Total..... 25,522

Grinding Stones for Mills.—Val., $0.08; K. G., free.
France, $114. Total..... 114

Trowels.—Val., $1; K. G., free.
United States, $2; France, $20. Total..... 22

Mattocks.—Val., $1.20; K. G., free.
United States, $102; Great Britain, $342; Germany, $450; Italy, $264. Total..... 1,158

Presses for Pasture.—Val. at sight; K. G., free.
United States, $38,155. Total..... 38,155

Prongs for Ploughs, Iron or Steel.—Val., $0.60; K. G., free.
United States, $15,579; Great Britain, $1,119; Germany, $147. Total..... 16,845

Rakes.—Val., $0.30; K. G., free.
United States, $3,684; Great Britain, $15; Germany, $282. Total 3,981

Mowing Machines.—Val. at sight; K. G., free.
United States, $34,463; Great Britain, $13,772; France, $11,076. Total..... 59,311

Shears for Pruning, Trimming or Shearing.—Val., $2.50; K. I., free.
United States, $560; Great Britain, $2,700; Germany, $1,540; France, $2,950. Total..... 7,750

Thrashing Machines.—Val. at sight; K. G., free.
United States, $250,328; Great Britain, $8,775; Germany, $21,164; France, $754. Total..... 281,021

Turbines.—Val. at sight; K. G., free.
United States, $16,978; Germany, $31,265. Total..... 48,243

Agriculture. Total.....$2,923,179

4. INDUSTRIAL MANUFACTURES.

Sewing Needles.—Val. Var.; K. I., free.
United States, $39; Great Britain, $3,689; Germany, $32,248; France, $8,356; Italy, $325. Total..... $44,657

Needles for Sewing Machines.—Val., $20; K. I., free.
United States, $400; Great Britain, $480; Germany, $7,340; Fraance, $1,620. Total..... $9,840

Knitting Needles.—Val. Var.; K. I., free.
United States, $60; Italy, $84; Belgium, $270; France, $4,383; Germany, $8,700; Great Britain, $729. Total..... 14,226

Knife Sharpeners.—Val., $1.40; K. G., free.
United States, $28; Great Britain, $126; Germany, $84; France, $49. Total..... 287

Apparatus, Tools, Etc., for Electric Traction.—Val. Var.; K. G., free.
United States, $24,242; Great Britain, $68,236; Belgium, $851; France, $14,706; Germany, $140,970. Total..... 249,005

Apparatus for Making Hydrogen.—Val. Var.; K. G., free.
Great Britain, $19,422; Germany, $15,730. Total..... 35,152

Life Saving Apparatus, Special.—Val. Var.; K. G., free.
Great Britain, $884. Total..... 884

Bores and Gimlets for Carpenters.—Val., $1; K. G., free.
United States, $1,134; Great Britain, $5,270; Germany, $8,465; France, $116; Italy, $120. Total..... 15,105

Wimbles and Drills, Various.—Val. Var.; K. G., free.
United States, $8,165; Great Britain, $2,421; Germany, $4,950; France, $223; Belgium, $740. Total..... 16,499

Anvils, Iron or Steel.—Val., $0.35; K. G., free.
Great Britain, $8,645; Germany, $1,675; France, $280. Total.... 10,675

Injecting Pumps, with Boilers and Accessories.—Val. Var.; K. G., free.
United States, $6,552; Great Britain, $58,918; Germany, $364. Total 65,834

Pumps for Barrels or Casks.—Val., $2; K. I., 25%.
Great Britain, $342. Total..... 342

Brushes for Artisans.—Val. Var.; K. I., free.
United States, $60; Great Britain, $6,345; Germany, $22,056; France, $5,178; Belgium, $1,566. Total..... 35,205

Brushes for Drawing or Painting.—Val., $10; K. N., free.
United States, $20; Great Britain, $2,690; Germany, $5,310; France, $7,630; China, $60. Total..... 15,710

Steam Boilers and Accessories for Cranes.—Val. Var.; K. G., free.
Great Britain, $35,048; Germany, $1,352; France, $7,423. Total.. 43,823

Planes.—Val., $0.65; K. G., free.
United States, $7,618; Great Britain, $1,397; Germany, $6,201. Total 15,216

Belting for Engines.—Val., $2.50; K. G., 5%.
Great Britain, $56,920; Germany, $64,800. Total..... 121,720

Knives, Large and Small, for Artisans.—Val., $1.40; K. G., free.
United States, $2,205; Great Britain, $15,848; Germany, $9,961; France, $3,437; Italy, $161. Total..... 31,612

Thimbles, Iron or Steel.—Val. Var.; K. I., free.
United States, $42; Great Britain, $358; Germany, $8,358; Fraance, $280; Italy, $7. Total..... $9,045

Diamonds for Glaziers or Engravers.—Val., $0.06; Grms., I., free.
United States, $240; Great Britain, $936; Germany, $4,695; France, $465. Total..... 6,336

Swabs for Carpenters.—Val., $1.60; K. G., 60%.
Great Britain, $280; Germany, $192; France, $392. Total..... 864

Squares for Artisans.—Val., $1.40; K. G., free.
United States, $637; Great Britain, $784; Germany, $1,036. Total 2,457

Filters for Breweries.—Val. at sight; K., 5%.
Great Britain, $600; Germany, $1,000. Total..... 1,600

Portable Forges for Blacksmiths.—Val., $0.60; K. G., free.
United States, $415; Great Britain, $61,170; Germany, $2,187; France, $1,098. Total..... 64,870

Blowers for Blacksmiths.—Val., $0.60; K. G., 5%.
United States, $1,440; Great Britain, $11,355; Germany, $1,557; France, $1,752. Total..... 16,104

Gasometers and Accessories for Gas Companies.—Val. Var.; K. G., free.
United States, $26,000; Great Britain, $297,572. Total..... 323,572

Cranes and Jacks for Lifting Weights.—Val. Var.; K. G., free.
United States, $3,254; Great Britain, $22,571; Germany, $62,992; France, $2,062. Total..... 90,880

Hatchets for Artisans, with or without Handles.—Val., $1; K. G., free.
United States, $12,847; Great Britain, $791; Germany, $9,594; France, $313; Sweden, $4,812. Total..... 28,357

Tools for Bricklayers.—Val. Var.; K. G., free.
United States, $188; Great Britain, $510; Germany, $1,349; France, $45. Total..... 2,092

Tools for Carpenters and Coopers.—Val. Var.; K. G., free.
United States, $12,031; Great Britain, $16,879; Germany, $11,435; France, $2,815; Italy, $48. Total..... 43,208

Tools for Blacksmiths and Tinsmiths.—Val. Var.; K. G., free.
United States, $3,926; Great Britain, $19,315; Germany, $9,220; France, $2,227; Belgium, $660. Total..... 35,348

Tools, Various.—Val. Var.; K. G., free.
United States, $81,377; Great Britain, $90,324; Germany, $87,342; France, $24,864; Italy, $42; Belgium, $1,260; Spain, $7; China, $7; Switzerland, $4,655. Total..... 289,878

Models, Various.—Val. Var.; K. G., free.
United States, $492; Great Britain, $2,204; Germany, $13,830; France, $15,040; Belgium, $668; Italy, $1,376; Panama, $56; Argentina, $12. Total..... 33,678

Electric Lamps.—Val. at sight; K. G., 25%.
Great Britain, $912; Germany, $9,169. Total..... 9,361

Canvas for Artisans.—Val., $2; K. I., 5%.
United States, $9,010; Italy, $1,112; Germany, $466; Great Britain, $840. Total..... $11,428

Files and Rasps for Artisans.—Val., $1.40; K. G., free.
United States, $42,476; Great Britain, $31,563; France, $7,847; Germany, $22,757; Belgium, $4,466; Italy, $259. Total..... 109,368

Wrenches, Iron or Steel, for Artisans.—Val., $1.40; K. G., free.
United States, $9,163; Great Britain, $3,815; Germany, $2,387; France, $777. Total..... 16,142

Machines for Cutting Hair.—Val. at sight; Each, free.
United States, $156; Great Britain, $5,269; Germany, $4,935; France, $326. Total..... 10,686

Sewing Machines and Their Parts.—Val. at sight; K. G., free.
United States, $306,260; Great Britain, $147,469; France, $1,781; Germany, $200,905; Belgium, $720; Spain, $26; Argentina, $78. Total 657,239

Machines, with Their Tools, for Electric Lighting.—Val. at sight; K. G., free.
United States, $467,847; Great Britain, $106,878; France, $9,355; Germany, $368,230; Belgium, $715. Total..... 953,025

Industrial Machines, Etc., and Their Parts.—Val. Var.; K. G., free.
United States, $202,309; Great Britain, $207,540; Germany, $294,287; France, $81,414; Belgium, $20,176; Italy, $1,585; Panama, $13. Total..... 807,324

Machines and Accessories for Elaborating Nitre.—Val. at sight; K. G., free.
United States, $163,102; Great Britain, $2,246,414; Germany, $4,879,631; France, $2,119; Belgium, $104,689. Total..... 7,395,955

Incubators.—Val. at sight; K. G., free.
United States, $1,417; Great Britain, $65; Germany, $78. Total.. 1,560

Woolcombing Machinery.—Val. at sight; K. G., free.
Great Britain, $1,200. Total..... 1,200

Machinery for Mills.—Val. at sight; K. G., free.
United States, $3,289; Great Britain, $12,519; Germany, $47,139; France, $3,380; Italy, $1,755. Total..... 68,082

Machines for Making Butter.—Val. at sight; K. G., free.
Germany, $2,015; France, $2,795. Total..... 4,810

Sifting Machines.—Val. at sight; K. G., free.
Great Britain, $4,121; Germany, $546; France, $2,782. Total.... 7,449

Machinery for Dairies.—Val. at sight; K. G., free.
United States, $494; Great Britain, $3,250; Germany, $13,390; France, $78. Total..... 17,212

Cream Separators.—Val. at sight; K. G., free.
Germany, $5,771; Sweden, $26. Total..... 5,797

Churning Machines for Butter.—Val. at sight; K. G., free.
Great Britain, $1,209; Germany, $7,565. Total..... 8,774

Machines for Making Preserve.—Val. at sight; K. G., free.
Germany, $5,707. Total..... $5,707

Machines for Making Matches.—Val. at sight; K. G., free.
Germany, $47,203. Total..... 47,203

Sweeping Machines.—Val. at sight; K. G., free.
United States, $144; Germany, $100. Total..... 244

Machines for Shearing Sheep.—Val. at sight; K. G., free.
United States, $1,776; Great Britain, $442. Total..... 2,218

Machinery for Lifting Weights.—Val. at sight; K. G., free.
Great Britain, $793; Belgium, $975. Total..... 1,768

Machinery for Dockyards.—Val. at sight; K. G., free.
Great Britain, $4,979; Belgium, $2,197. Total..... 7,176

Engines for Tugboats.—Val. at sight; K. G., free.
Great Britain, $57,122; Germany, $6,344. Total..... 63,366

Machines for Soldering Wire.—Val. at sight; K. G., free.
United States, $377. Total..... 377

Machinery for Manufacturing Biscuits.—Val. at sight; K. G., free.
Great Britain, $260; Germany, $52; France, $182. Total..... 494

Machines for Mixing Cement.—Val. at sight; K. G., free.
United States, $3,029. Total..... 3,029

Machines for Crushing Bones.—Val. at sight; K. G., free.
United States, $195. Total..... 195

Machines for Shoemaking.—Val. at sight; K. G., free.
United States, $949; Great Britain, $1,546; Germany, $11,380;
France, $1,053; Belgium, $2,925; Argentina, $117. Total..... 17,970

Machines and Appliances for Sewing Leather.—Val. at sight; K. G., free.
Great Britain, $130. Total..... 130

Machines for Hats.—Val. at sight; K. G., free.
Great Britain, $650; Germany, $91; France, $715; Italy, $897.
Total 2,353

Bottling Machines.—Val. at sight; K. G., free.
United States, $507; Germany, $13; France, $3,172. Total..... 3,692

Machines for Manufacturing Ice.—Val. at sight; K. G., free.
United States, $6,864; Great Britain, $39; Germany, $39,884.
Total 46,787

Machinery for the Manufacture of Dried Beef.—Val. at sight; K. G., free.
United States, $3,549; France, $52. Total..... 3,601

Machinery for Elevators.—Val. at sight; K. G., free.
Germany, $3,718. Total..... 3,718

Machines for Riveting and Upsetting Bolts.—Val. at sight; K. G., free.
United States, $143; Great Britain, $4,485. Total..... 4,628

Machines for Galvanizing Iron.—Val. at sight; K. G., free.
Great Britain, $8,827. Total..... $8,827

Machines for Manufacturing Gaseous Waters.—Val. at sight; K. G., free.
United States, $4,992; Great Britain, $2,808; Germany, $22,568; France, $390; Italy, $754. Total..... 31,512

Machinery for Potteries.—Val. at sight; K. G., free.
United States, $1,989. Total 1,989

Machines for Cutting Iron.—Val. at sight; K. G., free.
Great Britain, $1,261; Germany, $4,420. Total..... 5,681

Sawing Machines.—Val. at sight; K. G., free.
United States, $1,040; Great Britain, $9,170; Germany, $1,755. Total 11,965

Winding Machines.—Val. at sight; K. G., free.
United States, $1,482; Great Britain, $5,952; Germany, $3,705; Belgium, $312. Total 11,451

Machines and Accessories for Carriage Building.—Val. at sight; K. G., free.
United States, 5,941; Great Britain, $4,940; France, $208. Total 11,089

Machines for Making Cigarettes.—Val. at sight.; K. G., free.
United States, $20,488; Great Britain, $2,314; Germany, $3,978. Total 26,780

Machines for Making Chocolate.—Val. at sight; K. G., free.
France, $2,587. Total 2,587

Machines for Manuafcturing Oil.—Val. at sight.; K. G., free.
Great Britain, $76,570. Total 76,570

Machines for Bakeries.—Val. at sight; K. G., free.
Germany, $1,872; Italy, $689. Total..... 2,561

Machines for Manufacturing Dotted Textures.—Val. at sight; K. G., free.
United States, $13; Great Britain, $75,543; Germany, $5,746; France, $39; Belgium, $7,085; Italy, $676; Uruguay, $897. Total. 89,999

Engraving or Perforating Machines.—Val. at sight; K. G., free.
United States, $455. Total 455

Machines for Elaborating Iron.—Val. at sight; K. G., free.
United States, $1,118; Great Britain, $11,375; Germany, $7,289. Total 19,782

Machines for Pleating or Gathering.—Val. at sight; K. G., free.
United States, $13; Germany, $286; France, $52. Total..... 351

Machines for Manufacturing Bricks and Tiles.—Val. at sight; K. G., free.
Germany, $4,108. Total 4,108

Machines Called Grampa Punzon.—Val. at sight.—K. G., free.
Great Britain, $6,656. Total..... 6,656

Rotary Machines for Copying or Ruling.—Val. at sight; K. G., free.
Germany, $546. Total 546

Machines and Appliances for Breweries.—Val. at sight; K. G., free.
United States, $429; Great Britain, $2,821; Germany, $50,765; France, $286. Total..... $54,301

Naval Machinery.—Val. at sight; K. G., free.
Great Britain, $3,484. Total 3,484

Machines for Manufacturing Candles.—Val. at sight; K. G., free.
Great Britain, $39; Germany, $2,652. Total..... 2,691

Machines for Cutting Glass.—Val. at sight; K. G., free.
Great Britain, $585; Germany, $2,587; France, $5,200. Total.... 8,372

Machines for Bookbinding.—Val. at sight; K. G., free.
United States, $351; Great Britain, $468; Germany, $1,677; France, $4,394. Total 6,890

Emulsifying Machines.—Val at sight; K. G., free.
United States, $39. Total 39

Paper Cutting Machines.—Val. at sight; K. G., free.
Germany, $5,460. Total 5,460

Confecting Machines.—Val, at sight; K. G., free.
Great Britain, $3,263; Germany, $1,079. Total..... 4,342

Machines and Accessories for Hosiery.—Val. at sight; K. G., free.
Great Britain, $878. Total 878

Machines for Paving.—Val. at sight; K. G., free.
United States, $5,876. Total 5,876

Machines for Rope Making.—Val. at sight; K. G., free.
Germany, $1,209. Total 1,209

Planing and Polishing Machines.—Val. at sight; K. G., free.
Great Britain, $3,250; Germany, $2,910. Total..... 6,169

Machinery for Artesian Wells.—Val. at sight; K. G., free.
United States, $24,056; Great Britain, $741; Germany, $1,625; France, $15,132. Total 41,554

Machines for the Manufacture of Vermicelli.—Val. at sight; K. G., free.
Germany, $61,711; Italy, $1,469; Argentina, $2,535. Total..... 65,715

Machines for Elaborating Wood.—Val. at sight; K. G., free.
United States, $208,429; Great Britain, $12,285; Germany, $32,767; Total 253,481

Buttonhole Machines.—Val. at sight: K. G., free.
United States, $5,876; Germany, $429; France, $260. Total..... 6,565

Machines for Cutting and Stamping Tin Cases for Packing.—Val. at sight; K. G., free.
Great Britain, $598; Germany, $78. Total 676

Machines for the Manufacture of Sugar Wafers.—Val. at sight; each, free.
France, $200. Total 200

Machines and Tools for Forges and Foundries.—Val. at sight; K. G., free.
United States, $585; Great Britain, $4,992; Germany, $4,979; France, $2,795. Total 13,351

Machines and Tools for Tanneries.—Val. $0.65; K. G., free.
Great Britain, $1,664; Belgium, $3,445. Total..... $5,109

Machines and Tools for Extracting Tannin.—Val., $0.65; K. G., free.
Germany, $16,626. Total 16,626

Machines and Their Parts for Laundries.—Val. at sight; K. G., free.
United States, $13,413; Great Britain, $727; Germany, $2,482;
France, $463. Total 17,125

Hammers for Artisans.—Val., $1; K. G., free.
United States, $10,255; Great Britain, $13,398; Germany, $2,356;
France, $403. Total 26,412

Steam Drop Hammers.—Val., $0.60; K. G., 60%.
United States, $18; Germany, $10; France, $6. Total..... 34

Measures, All Classes.—Val. Var.; K. G., 5%.
United States, $468; Great Britain, $3,373; Germany, $8,402;
France, $1,156; Italy, $9. Total 13,408

Grindstones, Mounted.—Val., $0.20; K. G., free.
United States, $1,503; Great Britain, $1,308; Germany, $83;
France, $66. Total..... 2,960

Motors.—Val. at sight; K. G., free.
United States, $25,245; Great Britain, $1,091,704; France, $1,453;
Germany, $115,786; Belgium, $20,995. Total..... 1,355,183

Electric Crane Jibs.—Val. at sight; K. G., free.
United States, $7,000. Total..... 7,000

Whetstones.—Val. Var.; K. I., free.
United States, $4,070; Great Britain, $4,911; Germany, $1,983;
France, $420; Belgium, $362; Italy, $37; China, $3. Total..... 11,786

Parts for Machinery.—Val., $3; K. G., free.
United States, $1,096; Great Britain, $2,023; Germany, $3,215;
France, $62; Italy, $235. Total 6,631

Parts, etc., for Hydraulic Machinery.—Val. Var.; K. G., free.
United States, $5,161; Great Britain, $103,168; Germany, $11,102.
Total 119,431

Pincers and Tongs.—Val., $1.40; K. G., free.
United States, $889; Great Britain, $518; Germany, $2,030; France,
$567; Belgium, $98. Total 4,102

Boards for Laundries, Tailors or Hatters.—Val., $0.35; K. G., free.
United States, $2,345; Great Britain, $21,213; Germany, $6,293;
France, $672. Total 40,523

Wooden Presses.—Val., $0.55; K. G., free.
United States, $451; Great Britain, $198; Germany, $726; France,
$88. Total..... 1,463

Lithographic or Stereographic Presses.—Val., $0.65; K. G., free.
Germany, $962; France, $858. Total..... 1,820

Saws and Hand Saws for Artisans.—Val. Var.; K. G., free.
United States, $36,223; Great Britain, $9,880; Germany, $17,530;
France, $1,886; Austria, $85. Total..... 65,604

Diamond Drills.—Val. Var.; K. I., free.
United States, $2,015. Total..... $2,015

Die Stocks.—Val., $1.40; K. G., free.
United States, $5,537; Great Britain, $11,256; Germany, $7,455; France, $14. Total..... 24,262

Scissors, Various.—Val. Var.; K. G., free.
United States, $20,472; Great Britain, $1,831; Germany, $21,654; France, $3,209; Belgium, $375; Italy, $42. Total..... 47,583

Clamps for Artisans' Benches.—Val., $0.55; K. G., free.
United States, $4,422; Great Britain, $9,306; Germany, $1,727; France, $363. Total..... 15,818

Winches for Mechanics.—Val. Var.; K. G., free.
United States, $65; Great Britain, $16,484. Total..... 16,549

Anvils for Blacksmiths, Iron or Steel.—Val., $0.35; K. G., free.
Great Britain, $8,057; Germany, $945; France, $686. Total..... 9,688

Industrial Manufactures. Total.....$14,587,057

5. LOCOMOTION.

Bicycles and Velocipedes, with Pneumatic Rubber.—Val., $5; K. N., 25%.
United States, $50; Great Britain, $2,655; Germany, $4,245; France, $1,580; Italy, $1,630; Argentina, $6,375. Total..... $16,545

Boats, Launches and Sloops, Iron and Steel.—Val. at sight; 5%.
Great Britain, $45,000; Germany, $5,000. Total..... 50,000

Wooden Boats, Launches and Sloops.—Val. at sight; 15%.
United States, $608; Germany, $1,500; Belgium, $640. Total.... 2,748

Carts.—Val. at sight; 60%.
United States, $760; Great Britain, $289; Bolivia, $56. Total.... 1,105

Wheelbarrows or Push Carts.—Val. Var.; K. G., 60%.
United States, $492; Great Britain, $474; Germany, $350. Total.. 1,316

Wheelbarrows for Workmen.—Val. Var.; K. G., 60%.
United States, $14,772; Great Britain, $10,430; Germany, $2,400. Total 27,602

Portable Cars, Wagons and Coaches for Railroads.—Val. Var.; K. G.
United States, $37,532; Great Britain, $198,264; Germany, $456,-137; France, $21,571; Belgium, $45,782. Total..... 759,286

Portable Cars for Railroads, for Saltpetre Transport.—Val., $0.55; K. G., free.
United States, $73,069; Great Britain, $17,369. Total..... 91,069

Electric Cars.—Val., $0.65; K. G., free.
Germany, $429,000. Total..... 429,000

Railroad Cars, for Antuco.—K. G.
Great Britain, $16,790. Total..... 16,790

Railroad Cars for Freight.—Val., $0.15; K. G., 25%.
Great Britain, $143,172; Germany, $13,933; Belgium, $1,299. Total 158,404

Vehicles.—Val. Var.; Each, 60%.
United States, $27,270; Great Britain, $6,100; Germany, $5,700; Argentina, $3,000. Total..... $53,830

Children's Carts.—Val. Var.; Each, 35%.
United States, $3,494; Great Britain, $280; Germany, $3,064; France, $142. Total..... 6,980

Locomotives and Their Tenders.—Val. at sight; K. G., free.
United States, $180,209; Great Britain, $167,195; Germany, $658,-989. Total..... 1,006,393

Locomotives. Total.....$2,621,068

IX. MACHINERY, INSTRUMENTS, TOOLS, ETC.

1.	Arts and Sciences.....	$2,295,982
2.	Mining	2,573,518
3.	Agriculture	2,923,179
4.	Industrial Manufactures.....	14,587,057
5.	Locomotion	2,621,068
	Total	$25,000,804

X

ARMS, AMMUNITION AND EXPLOSIVES.

1.	Arms	$225,643
2.	Ammunition	78,643
3.	Explosives	1,271,659

1. ARMS.

Armament for the State.—K. G., free.
Great Britain, $10,000. Total..... $10,000

Rapiers.—Val. at sight; Each, 60%.
Great Britain, $255; Germany, $709; France, $480; Italy, $291. Total 1,735

Carbines.—Val. Var.; Each, 35%.
United States, $39,411; Great Britain, $480; Germany, $1,281; France, $1,336; Belgium, $175. Total..... 42,683

Swords, Foils and Cutlasses.—Val. at sight; Each, 35%.
Great Britain, $72; Germany, $1,160; France, $1,200; Italy, $542; Belgium, $20. Total..... 2,994

Guns.—Val. Var.; Each, 35%.
United States, $1,470; Great Britain, $1,825; Germany, $20,477; France, $7,166; Belgium, $2,230; Italy, $390; Spain, $4,155. Total 37,713

Muskets and Rifles.—Val. Var.; Each, 35%.
United States, $7,415; Great Britain, $985; Germany, $4,006; France, $592; Belgium, $450; Italy, $14; Bolivia, $30. Total..... 13,492

Revolvers.—Val. at sight; Each, 35%.
United States, $19,094; Great Britain, $310; Germany, $20,910; France, $8,672; Belgium, $2,272; Spain, $55,238; Panama, $600. Total $107,096

Pistols.—Val. at sight; Each, 35%.
United States, $472; Great Britain, $3,054; Germany, $1,440; Belgium, $3,200. Total..... 8,166

Daggers and Hunting Knives.—Val. Var.; K. I., 35%.
United States, $117; Great Britain, $630; Germany, $903; France, $114. Total..... 1,764

Arms. Total $225,643

2. AMMUNITION.

Cartridges for Firearms.—Val. Var.; K. G., 35%.
United States, $29,724; Great Britain, $9,455; France, $5,162; Germany, $22,042; Belgium, $828. Total..... $67,211

Ammunition for Hunting.—Val., $0.25; K. G., 35%.
United States, $899; Great Britain, $1,546; Germany, $8,041; France, $215; Italy, $1,040. Total..... 11,741

Ammunition. Total $78,952

3. EXPLOSIVES.

Sky Rockets.—Val., $1; K. G., 35%.
United States, $11,569; Great Britain, $800; Germany, $5,924; France, $244; China, $29,989; Panama, $881; Peru, $811. Total.. $50,218

Dynamite.—Val., $1.40; K. G., free.
United States, $35; Great Britain, $242,718; Germany, $672,749. Total 915,502

Explosives for Firearms.—Val., $3; K. I., 35%.
United States, $381; Great Britain, $3,615; Germany, $4,932; France, $1,242; Belgium, $231. Total..... 10,401

Explosives for Mines.—Val., $6; K. I., free.
United States, $2,400; Great Britain, $52,620; Germany, $141,-714. Total..... 196,734

Fuse for Mines.—Val., $0.60; K. G., free.
Great Britain, $36,351; Germany, $43,902; Belgium, $3,216. Total 83,469

Gunpowder for Hunting.—Val. Var.; K. G., 35%.
Great Britain, $5,572; Germany, $9,683. Total..... 15,255

Gunpowder for Mines.—Val., $0.40; K. G., 15%.
Great Britain, $80. Total..... 80

Explosives. Total..... $1,271,659

X. ARMS, AMMUNITION AND EXPLOSIVES.

1. Arms	$225,643
2. Ammunition	78,643
3. Explosives	1,271,659
Total	$1,576,254

XI.

SUNDRIES.

Total $626,899

XI. SUNDRIES.

Fans of All Sorts.—Val. Var.; Doz., 35%.
United States, $74; Great Britain, $2,409; Germany, $6,568; France, $3,570; Italy, $541; Spain, $209; China, $211; Japan, $140. Total $13,722

Apparatus and Grenades for Extinguishing Fire.—Val. Var.; K. G., 25%.
Germany, $412. Total 412

Gymnasium Apparatus.—Val., $1.30; K. I., 25%.
United States, $260; Great Britain, $3,604; Germany, $1,677; France, $611; Argentina, $39. Total 6,191

Bank Notes.—Free.
Peru, $4,850. Total 4,850

Billiard Balls.—Val. Var.; G., 35%.
Great Britain, $1,962; Germany, $4,424; France, $1,171; China, $210; Belgium, $329. Total 8,096

Marbles, Stone and Composition.—Val. Var.; K. G., 35%.
Great Britain, $200; Germany, $5,503; France, $316. Total 6,019

Liquid Composition for Clarifying Liquors.—Val. Var.; K. G., 25%.
Great Britain, $36; Germany, $10,914; France, $1,072. Total 12,022

Industrial Compositions and Pastes.—Val. Var.; K. G., free.
United States, $928; Great Britain, $2,220; Germany, $10,520; France, $1,608. Total 15,276

Industrial Compositions and Pastes.—Val. Var.; K. I., 25%.
United States, $257; Great Britain, $3,115; Germany, $538; France, $225; Italy, $49. Total 4,185

Pictures, Painted.—Val. at sight; 35%.
United States, $20; Great Britain, $4,876; Germany, $8,251; France, $780; Italy, $125; Spain, $622; Argentina, $160; Peru, $60; Panama, $30. Total 14,924

Pictures, Framed.—Val. Var.; K. I., 35%.
Great Britain, $457; Germany, $6,002; France, $290; Italy, $114. Total 6,863

Artificial Teeth.—Val. Var.; per hundred, 25%.
United States, $360; Great Britain, $120. Total 480

Religious Objects.—Val. at sight; K. I., free.
Great Britain, $5,222; Germany, $19,313; France, $13,205; Italy, $376; Spain, $1,690; Argentina, $1,710. Total 41,516

Effects for Fire Brigades.—Val. Var.; K. G., free.
United States, $225; Great Britain, $1,407; Germany, $1,805. Total 3,437

Baggage.—Val. Var.; Bulk, free.
United States, $1,226; Great Britain, $6,345; Germany, $17,010; France, $5,190; Italy, $11,200; Spain, $4,980; Argentina, $4,160; Uruguay, $1,080; Peru, $55. Total..... $51,246

Baggage.—Val. Var.; Bulk, 35%.
Great Britain, $4,000. Total..... 4,000

Baggage.—Val. Var.; Bulk, 60%.
United States, $60; Great Britain, $670; Germany, $5,195; France, $5,200; Brazil, $500; Peru, $30. Total..... 11,655

Stone Statues.—Val., $1.50; K. G., free.
Germany, $141. Total..... 141

Geographical Globes and Plans, Terrestrial and Celestial.—Val. at sight; K. G., free.
United States, $174; Great Britain, $13,794; Germany, $7,285; France, $2,098; Italy, $21. Total..... 23,372

Sporting Games.—Val. Var.; K. I., 35%.
United States, $253; Great Britain, $23,603; Germany, $9,840; France, $2,115; Italy, $1,284; Argentina, $70. Total..... 37,165

Games.—Val. Var.; K. I., 35%.
United States, $44; Great Britain, $1,209; Germany, $2,558; France, $2,261; Belgium, $6; Spain, $9; Argentina, $20. Total.. 6,107

Toys, Tin and Wrought Iron.—Val., $1.20; K. G., 35%.
United States, $1,416; Great Britain, $1,656; Germany, $51,192; France, $2,898; Belgium, $24; Italy, $426. Total..... 57,612

Toys, Wood or Papier Mache.—Val., $0.60; K. G., 35%.
United States, $1,344; Great Britain, $807; Germany, $50,409; France, $1,758; Belgium, $78; Italy, $735; Spain, $12; China, $39; Argentina, $84. Total..... 55,266

Toys for Children.—Val. Var.; K. I., 35%.
United States, $707; Great Britain, $7,136; Germany, $48,728; France, $8,423; Belgium, $6; Italy, $601; China, $24. Total..... 65,625

Horse Whips.—Val. Var.; Doz., 35%.
Great Britain, $2,260; Germany, $1,844; France, $1,792. Total... 5,896

Horse Whips.—Val. Var.; Doz., 25%.
Great Britain, $302; Germany, $138; France, $368. Total..... 808

Merchandise, Various.—Val. Var.; K. I., 5%.
Germany, $182. Total..... 182

Merchandise, Various.—Val. Var.; K. G., 25%.
United States, $150; Great Britain, $326; Germany, $479; France, $616; China, $2,776. Total..... 4,347

Merchandise, Various.—Bulk; K. I., 35%.
Great Britain, $90; Germany, $698; France, $828. Total..... 1,616

Billiard Tables.—Val., $2; K. G., 35%.
United States, $16,994; Great Britain, $9,882; Germany, $2,306; France, $17,668; Spain, $300. Total..... 47,150

Granite Monuments.—Val., $0.25; K. G., 25%.
Great Britain, $468; Germany, $12,213. Total..... 12,681

Samples.—Val. Var.; Bulk, 15%. Great Britain, $18; Germany, $12. Total	$30
Samples.—Val. Var.; Bulk, 25%. Great Britain, $908; Germany, $390. Total	1,298
Samples.—Val. Var.; Bulk, 35%. Great Britain, $104; Germany, $110. Total	214
Samples.—Val. Var.; Bulk, 60%. Great Britain, $70; Germany, $20. Total	90
Metal and Celluloid Eyelets for Footwear.—Val., $5; K. I., 25%. Great Britain, $300; Germany, $4,230; France, $6,930. Total	11,460
Pulp for Manufacturing Paper.—Val., $0.08; K. G., free. Germany, $32,332. Total	32,332
Paste for Cleaning Metal Objects.—Val., $0.80; K. I., 25%. United States, $532; Great Britain, $144; Germany, $2,600; France, $612. Total	3,888
Salt, Refined or Ground.—Val., $0.10; K. N., Spc., $0.10. United States, $23; Great Britain, $7,876; Germany, $216; France, $155. Total	8,270
Common Salt, in Block or Grain.—Val., $0.03; K. N., Spc., $2.50; Mt. Qtl. Great Britain, $702; Germany, $198; Argentina, $618. Total	1,518
Tips for Billiard Cues.—Val. Var.; K. I., 35%. Great Britain, $1,376; Germany, $827; France, $1,431; Belgium, $56. Total	3,690
Mould.—Val., $0.06; K. G., free. Great Britain, $225. Total	225
Suits for Divers.—Val., $8; K. I., free. Great Britain, $31,944; Germany, $4,048. Total	35,992
Tools and Necessaries for Water Companies.—Val. at sight; K. G., 25%. Great Britain, $5,000. Total	5,000
Sundries. Total	$626,899

EXPORTS OF NATIONAL PRODUCTS

TO FOREIGN COUNTRIES.

I.

ANIMAL PRODUCTS.

1. LIVE ANIMALS.

(The Chilean peso is worth $0.36½ American gold.)

Horses.—Val. Var.; Each.
San Salvador, $200; Panama, $4,800; Ecuador, $2,100; Peru, $55,000; Uruguay, $500; Bolivia, $20,400; Argentina, $59,480. Total $142,480

Asses.—Val., $25; Each.
Panama, $75. Total..... 75

Cows.—Val., $120; Each.
Panama, $3,960; Peru, $720; Bolivia, $1,080. Total..... 5,760

Mules.—Val., $80; Each.
Panama, $3,440; Peru, $25,680; Uruguay, $80; Bolivia, $2,320; Argentina, $136,720. Total..... 168,240

Sheep.—Val., $10; Each.
Panama, $200; Peru, $80; Argentina, $10,000. Total..... 10,280

Total, Live Animals..... $326,835

2. ALIMENTARY PRODUCTS.

(The Chilean peso is worth $0.36½ American gold.)

Salt Beef.—Val., $0.40; Kilos.
France, $112; Bolivia, $60. Total..... $172

Jerked Beef.—Val., $1.20; Kilos.
Great Britain, $24; Peru, $3,324; Bolivia, $342. Total..... 3,690

Corned Beef.—Val., $1.35; Kilos.
Peru, $156,330; Bolivia, $7,074. Total..... 163,404

Preserved Beef.—Val., $2; Kilos.
Peru, $2,408; Bolivia, $1,800; Argentina, $1,182. Total..... 5,390

Preserved Shellfish.—Val., $1.20; Kilos.
Germany, $3,744; France, $24; Ecuador, $636; Peru, $792; Bolivia, $2,568; Argentina, $30. Total..... 7,794

Assorted Conserves.—Val., $5; Doz. Bolivia, $1,005. Total	$1,005
Hams.—Val., $1; Kilos. Ecuador, $45; Peru, $1,212; Bolivia, $23. Total	1,280
Butter.—Val., $1.60; Kilos. Ecuador, $880; Peru, $25,520; Bolivia, $632; Argentina, $664. Total	27,696
Lard.—Val., $0.76; Kilos. Peru, $13,452; Bolivia, $27,303. Total	40,755
Honey.—Val., $0.25; Kilos. Great Britain, $77,791; Germany, $372,294; France, $76,016; Belgium, $260; Panama, $20; Bolivia, $65; Argentina, $25. Total	526,471
Dried Fish.—Val., $1; Kilos. Germany, $160; France, $1,424; Mexico, $358; Ecuador, $180; Peru, $8,054; Argentina, $50. Total	10,226
Cheese.—Val., $0.80. Panama, $560; Ecuador, $120; Peru, $23,160; Bolivia, $2,152. Total	25,992
Alimentary Products. Total	$813,875

3. INDUSTRIAL PRODUCTS.

(The Chilean peso is worth $0.36½ American gold.)

Whale Oil.—Val., $0.50; Kilos. Bolivia, $820. Total	$820
Horns of Cattle.—Great Britain, $12,411; Germany, $5,310; France, $35,085. Total	52,806
Sperm Oil.—Val., $0.80; Kilos. Peru, $320. Total	320
Whalebones.—Val., $1; Kilos. Great Britain, $999; Germany, $4,990; France, $51,093. Total	57,082
Wax.—Val., $1.80; Kilos. Great Britain, $127,836; Germany, $510,966; France, $46,305; United States, $3,150. Total	688,257
Horsehair.—Val., $8; Kilos. Germany, $19,480. Total	19,480
Tails of Cattle.—Val., $0.15; Kilos. Great Britain, $30; Germany, $9; France, $144. Total	183
Glue.—Val., $0.45; Kilos. Great Britain, $9,450; Germany, $30,204; Ecuador, $315; Peru, $1,035; Uruguay, $3,645; Bolivia, $279; Argentina, $11,430. Total	56,358
Animal Hair.—Val., $0.80; Kilos. Great Britain, $12,548; Germany, $69,984; France, $29,656; Bolivia, $36. Total	112,224
Rennet.—Val., $3; Kilos. Germany, $534. Total	534

Ostrich Pelt.—Val., $4; Each.
France, $240. Total..... $240

Buckskin.—Val., $0.50; Kilos.
France, $375; Peru, $90. Total..... 465

Cowhide.—Val., $0.30.
United States, $3; France, $21. Total..... 24

Vulture Skin.—Val., $4; Each.
Germany, $188; France, $2,116. Total..... 2,304

Horsehide.—Val., $0.40; Kilos.
United States, $2; Germany, $15,068; France, $3,368. Total..... 18,438

Goatskin.—Val., $0.60; Kilos.
Great Britain, $1,170; Germany, $1,776; France, $149,082. Total 152,028

Chinchilla Skin.—Val., $80; Doz.
United States, $1,064,000; Great Britain, $320,480; Germany, $8,160; France, $68,480. Total..... 1,461,200

Sheepskins.—Val., $0.50; Kilos.
United States, $9,735; Great Britain, $150; Germany, $28; France, $71,194. Total..... 81,107

Chungungo Skins.—Val., $3; Each.
Great Britain, $99. Total..... 99

Cat Skins (Sea).—Val., $2; Kilos.
Germany, $240. Total..... 240

Guanoco Skins.—Val., $2.50; Each.
France, $40; Argentina, $30. Total..... 70

Wolf Skins.—Val., $6; Each.
Great Britain, $17,220. Total..... 17,220

Ewe Skins.—Val., $0.55; Kilos.
Germany, $220; France, $18,249. Total..... 18,469

Cattle Hide.—Val., $0.54; Kilos.
Great Britain, $44,793; Germany, $151,632; France, $75,438; Bolivia, $27. Total..... 271,890

Vicuna Skin.—Val., $50; Each.
Germany, $150. Total..... 150

Fox Skins.—Val., $7; Each.
Great Britain, $4,060; Germany, $35; France, $5,313. Total..... 9,408

Animal Débris.—Val., $0.08; Kilos.
United States, $176; Great Britain, $504; Germany, $2,044; France, $4,048. Total..... 6,772

Sperm.—Val., $2; Kilos.
France, $11,276. Total..... 11,276

Spermacetti.—Val., $2.20; Kilos.
Great Britain, $7,700. Total..... 7,700

Animal Bones.—Val., $0.04; Kilos.
Great Britain, $1,862; Germany, $561; France, $3,165. Total.... 5,558

Common Soap.—Val., $0.40; Kilos.
Peru, $68,190; Bolivia, $498; Argentina, $3,478. Total..... $72,166

Wool, Common.—Val., $0.50; Kilos.
United States, $273,841; Great Britain, $320,191; Argentina, $753; Germany, $36,525; France, $153,793; Belgium, $4,925. Total 790,028

Wool, Merino.—Val., $0.75; Kilos.
United States, $130,227; Great Britain, $571,407; Germany, $98,031; France, $45,336; Peru, $25,665. Total..... 870,666

Animal Tendons.—Val., $3; Kilos.
Germany, $5,460; France, $5,400. Total..... 10,860

Animal Hair.—Val., $0.36; Kilos.
Great Britain, $2,592; Germany, $819. Total..... 3,411

Skins, Various.—Val. Var.; Kilos.
Argentina, $8,750. Total..... 8,750

Animal Fat.—Val., $0.46.
Bolivia, $16,215. Total..... 16,215

Sole Leather.—Val., $1.35; Kilos.
Great Britain, $4,320; Germany, $3,073,221; France, $3,375; Peru, $1,080; Bolivia, $81; Argentina, $135. Total..... 3,082,212

Salted Tripe.—Val., $0.06; Kilos.
Germany, $2,427. Total..... 2,427

Animal Hoofs.—Val., $0.12; Kilos.
Great Britain, $3,486; France, $1,311. Total..... 4,797

Candles.—Val., $1; Kilos.
Great Britain, $43. Total..... 43

Industrial Products. Total.....$7,914,327

4. MANUFACTURES.

Trunks and Valises.—Val., $10; Each.
France, $100; Argentina, $40. Total..... $140

Assorted Footwear.—Val. Var.; Doz.
Bolivia, $16,544; Argentina, $560. Total..... 17,104

Huanaco Quilts.—Val., $4; Kilos.
Peru, $24. Total..... 24

Woollen Kerchiefs.—Val., $8; Kilos.
Bolivia, $400. Total..... 400

Total, Manufactures..... $17,668

II.

VEGETABLE PRODUCTS.

1. FRUITS, GRAINS, VEGETABLES AND HERBS.

Coco Bran.—Val., $0.10; Kilos.
Germany, $21,958; Bolivia, $120. Total..... $22,078

Wheat Bran.—Val., $0.05; Kilos.
Great Britain, $50,556; Germany, $559,566; Belgium, $30,237; Guatemala, $300; Panama, $2,539; Peru, $7,350. Total..... 650,548

Wheat Bran.—Val., $0.03; Kilos.
Great Britain, $5,331; Germany, $79,557; Belgium, $12,897; Guatemala, $54. Total..... 97,839

Chile Peppers.—Val., $0.50; Kilos.
Bolivia, $39; Argentina, $72. Total..... 111

Chile Peppers in Husk.—Val., $0.56; Kilos.
Uruguay, $7,224; Brazil, $7,112; Argentina, $336. Total..... 14,672

Garlic.—Val., $5.50; Per 1,000.
Panama, $23,100; Ecuador, $11; Peru, $3,410; Bolivia, $1,232. Total 27,753

Carob Beans.—Val., $0.12; Kilos.
United States, $33,894; Great Britain, $831,942; Germany, $207,634; France, $5,844; Italy, $6,120; Argentina, $2,862. Total.... 1,088,296

Canary Seed.—Val., $0.40; Kilos.
Ecuador, $120; Peru, $776; Bolivia, $896. Total..... 1,792

Almonds.—Val., $1; Kilos.
United States, $1,000; France, $3,190; Uruguay, $80. Total..... 4,270

Carob Fruit.—Val., $0.10; Kilos.
Great Britain, $27,010; Germany, $114,499; France, $10,000; Panama, $492; Ecuador, $3,866; Peru, $9,825; Bolivia, $511; Uruguay, $8,352; Brazil, $7,261; Argentina, $30,035. Total..... 211,851

Hazelnuts.—Val., $0.36. Kilos.
Bolivia, $108. Total..... 108

Oats in Grain.—Val., $0.08; Kilos.
Great Britain, $530,344; Germany, $82,292; France, $14,528: Peru, $9,516. Total..... 636,680

Barley.—Val., $0.07; Kilos.
United States, $3,591; Great Britain, $2,402,220; France, $994; Germany, $455,231; Belgium, $14,042; Italy, $6,223; Panama, $511; Guatemala, $3,752; Peru, $130,781; Bolivia, $144,186; Argentina, $84. Total..... 3,163,615

Malted Barley.—Val., $0.10; Kilos.
Great Britain, $35,030; Guatemala, $117,299; Peru, $23,367. Total 175,696

Onions.—Val., $30; Per 1,000.
Peru, $9,600; Bolivia, $1,710; Argentina, $240. Total..... $11,550

Common Rye.—Val., $0.10; Kilos.
Great Britain, $4,675; Germany, $69,250. Total..... 73,925

Cereals.—Val., $0.15; Kilos.
Ecuador, $9; Brazil, $48. Total..... 57

Cummin Seed.—Val., $0.65; Kilos.
Ecuador, $429; Peru, $195; Bolivia, $52. Total..... 676

Small Cocoanuts.—Val., $0.40; Kilos.
Ecuador, $15,000; Peru, $12,084; Bolivia, $1,200; Argentina, $2,440; Uruguay, $960. Total..... 31,684

Dried Apples without Seed.—Val., $0.56; Kilos.
Great Britain, $308; Germany, $952; Ecuador, $2,128; Peru, $11,060; Bolivia, $252; Argentina, $32,816; Uruguay, $50,344; Brazil, $1,456. Total..... 99,316

Fresh Fruit.—Val., $6; Bulk.
France, $30; Ecuador, $18; Peru, $480; Bolivia, $588; Brazil, $12; Argentina, $90. Total..... 1,218

Dried Fruit.—Val., $0.40; Kilos.
Germany, $200; Ecuador, $956; Peru, $10,648; Bolivia, $74. Total 11,878

French Beans.—Val., $0.18; Kilos.
Great Britain, $273,771; Germany, $369,729; France, $17,676; Belgium, $49,410; Panama, $23,625; Ecuador, $101,862; Guatemala, $18; Nicaragua, $4,500; Peru, $163,629; Bolivia, $198; Argentina, $154,458; Uruguay, $106,371; Brazil, $170,847. Total 1,436,094

Chick Peas.—Val., $0.25; Kilos.
Great Britain, $62,496; Panama, $2,505; Ecuador, $40,800; Peru, $64,665; Bolivia, $7,183; Argentina, $83,335; Uruguay, $29,340; Brazil, $20,965. Total..... 311,289

Vicia Fabas.—Val., $0.20; Kilos.
Panama, $46. Total..... 46

Figs.—Val., $0.12; Kilos.
Panama, $192; Ecuador, $438; Peru, $282; Argentina, $48; Uruguay, $72. Total..... 1,032

Boldo Leaves.—Val., $0.06; Kilos.
Peru, $27. Total..... 27

Dried Apples with Seed.—Val., $0.18; Kilos.
Germany, $9; Ecuador, $27; Peru, $540; Bolivia, $99; Argentina, $99. Total..... 774

Fresh Vegetables.—Val., $5; Bulk.
Bolivia, $1,875. Total..... 1,875

Lentils.—Val., $0.28; Kilos.
Great Britain, $2,156; Germany, $101,360; France, $35,854; Panama, $10,500; Ecuador, $49,896; Peru, $6,468; Bolivia, $1,484; Argentina, $68,642; Uruguay, $15,218; Brazil, $9,422. Total 301,000

Linseed.—Val., $0.20; Kilos.
Great Britain, $3,840; Peru, $420. Total..... $4,260

Maize.—Val., $0.09; Kilos.
Germany, $6,210; Panama, $8,190; Costa Rica, $4,662; Nicaragua, $450; Peru, $24,795; Bolivia, $2,250; Uruguay, $6,768; Fire Islands, $162. Total..... 53,487

Apples.—Val., $5; Cases.
Germany, $100. Total..... 100

Nuts.—Val., $0.36; Kilos.
United States, $48,420; Great Britain, $18; Panama, $90; Ecuador, $2,196; Peru, $31,770; Bolivia, $3,078; Fire Islands, $126; Argentina, $337,518; Brazil, $124,110; Uruguay, $124,002. Total 671,328

Wild Marjoram.—Val., $0.45; Kilos.
Ecuador, $1,890; Peru, $1,674; Bolivia, $18. Total..... 3,582

Potatoes.—Val., $0.07; Kilos.
Panama, $2,562; Peru, $72,338; Bolivia, $31,409; Argentina, $826; Fire Islands, $210. Total..... 107,345

Fodder (Grass).—Val., $0.04; Kilos.
Great Britain, $23,210; Greece, $580; Panama, $41,690; Ecuador, $3,556; Guatemala, $312; Peru, $20,892; Bolivia, $103,822. Total 194,062

Raisins.—Val., $0.50; Kilos.
United States, $21; Great Britain, $672; Germany, $615; Peru, $33,259; Ecuador, $27,370; Bolivia, $5,620; Argentina, $400; Brazil, $60. Total..... 68,017

Whole Pepper.—Val., $0.60; Kilos.
Bolivia, $48. Total..... 48

Malta Roots.—Val., $0.08; Kilos.
Germany, $3,356. Total..... 3,356

Hay Seed.—Val., $0.70; Kilos.
United States, $910; Germany, $10,010; Bolivia, $322; Uruguay, $1,498. Total..... 12,740

Ballico Seed.—Val., $0.10; Kilos.
Great Britain, $20,052. Total..... 20,052

Hemp Seed.—Val., $0.14; Kilos.
United States, $560; Great Britain, $44,450; Germany, $2,842; Peru, $224; Bolivia, $65; Argentina, $1,561; Uruguay, $392. Total 50,094

Mustard Seed.—Val., $0.40; Kilos.
Great Britain, $2,640; Germany, $4,080; France, $6,680. Total.. 13,400

Turnip Seed.—Val., $0.08; Kilos.
Peru, $128. Total..... 128

Clover Seed.—Val., $0.60; Kilos.
Great Britain, $1,023,249; Germany, $110,982; France, $5,040; Uruguay, $75. Total..... 1,139,346

Pea Seeds.—Val., $0.40; Kilos.
Peru, $320. Total..... 320

Ginger Seeds.—Val., $0.13; Kilos.
United States, $39; Peru, $1,196. Total..... $1,235

Seeds, Various.—Val., $0.40; Kilos.
United States, $40; Germany, $160. Total..... 200

Wheat.—Val., $0.14; Kilos.
Great Britain, $303,233; Germany, $119; Guatemala, $1,288; Ecuador, $210; Peru, $767,753; Bolivia, $14,714; Argentina, $29,372; Brazil, $4,270. Total..... 1,120,959

Fruits, Grains, Vegetables and Herbs. Total.....$11,841,809

2. ALIMENTARY PRODUCTS.

(The Chilean peso is worth $0.36½ American gold.)

Oils.—Val., $0.85; Kilos.
Bolivia, $459. Total..... $459

Refined Sugar.—Val., $0.40; Kilos.
Peru, $12; Bolivia, $82; Argentina, $44,412. Total..... 44,506

Conserved Fruits.—Val., $0.40; Kilos.
Great Britain, $1,200; Germany, $300; France, $124; Guatemala, $20; Ecuador, $200; Peru, $360; Bolivia, $1,820; Argentina, $816; Brazil, $8. Total..... 4,848

Conserved Vegetables.—Val., $0.45; Kilos.
Panama, $45; Ecuador, $81; Bolivia, $774; Argentina, $90. Total 990

Chocolate.—Val., $1.30; Kilos.
Italy, $52; Peru, $182. Total..... 234

Chuchoca (Maize Flour like Polenta.)—Val., $0.15; Kilos.
Argentina, $15; Bolivia, $300. Total..... 315

Sweets in Syrup.—Val., $1.
Peru, $30; Bolivia, $166. Total..... 196

Confected Sweets.—Val., $1; Kilos.
France, $75; Peru, $12,640; Bolivia, $9,545. Total..... 22,260

Fruits in Juice.—Val., $4; Doz.
Great Britain, $1,512; Germany, $4,308; Ecuador, $256; Peru, $1,080; Bolivia, $2,192; Argentina, $6,600. Total..... 15,948

Frangollo (Prepared Food).—Val., $0.15; Kilos.
Bolivia, $531; Argentina, $21. Total..... 552

Vermicelli.—Val., $0.40; Kilos.
Peru, $1,568; Bolivia, $12,320; Argentina, $544. Total..... 14,432

Biscuits (Ship).—Val., $0.80; Kilos.
France, $136; Peru, $18,520; Bolivia, $9,440; Argentina, $160. Total 28,256

Flour (Harinilla).—Val., $0.12; Kilos.
Great Britain, $39,342; Germany, $19,050; Belgium, $14,436. Total 72,828

Wheat Flour.—Val., $0.14; kilos.
Great Britain, $231; Panama, $9,009; Peru, $458,395; Bolivia, $526,239; Argentina, $33,229; Fire Islands, $14,336. Total.....$1,041,439

Maize Flour.—Val., $0.20; kilos.
Peru, $21,646. Total..... 21,646

Jora.—Val., $0.20; kilos.
Bolivia, $893. Total..... 893

Indian Corn.—Val., $0.18; Kilos.
Bolivia, $1,629. Total..... 1,629

Palm Honey.—Val., $1; Kilos.
Germany, $71; France, $55; Guatemala, $47; Ecuador, $200; Bolivia, $190; Argentina, $30. Total..... 593

Sauces.—Val., $0.80; Kilos.
Bolivia, $120. Total..... 120

Groats.—Val., $0.30; Kilos.
Ecuador, $30,314; Peru, $168; Bolivia, $2,955. Total..... 33,437

Alimentary Products. Total.....$1,305,581

3. INDUSTRIAL PRODUCTS.

(The Chilean peso is worth $0.36½ American gold.)

Starch.—Val., $0.30; kilos.
Peru, $375; Bolivia, $234. Total..... $609

Larch Bark.—Val., $0.03; kilos.
Bolivia, $42. Total..... 42

Lingue Bark.—Val., $0.03; kilos.
France, $138; Peru, $17,244; Argentina, $1,080. Total..... 18,462

Quillay Bark.—Val., $0.20; kilos.
United States, $17,790; Great Britain, $40,590; Peru, $10,551; Germany, $204,872; France, $76,676; Belgium, $6,264; Ecuador, $70; Bolivia, $404; Argentina, $1,168; Uruguay, $622. Total... 359,007

Coloring for Beer.—Val., $1; kilos.
Peru, $750. Total..... 750

Yeast.—Val., $0.60; Kilos.
Peru, $27. Total..... 27

Quillineja.—Val., $0.15; kilos.
Great Britain, $600; Germany, $600; France, $3,441. Total..... 4,641

Empty Baskets.—Val. Var.; Kilos.
Peru, $175; Bolivia, $96. Total..... 271

Brooms.—Val., $4; Doz.
Ecuador, $24; Peru, $540; Bolivia, $1,840; Argentina, $120. Total 2,524

Wicker Furniture.—Val., $24; Bulk.
Bolivia, $120. Total..... 120

Industrial Products. Total..... $386,453

4. WOOD.

(The Chilean peso is worth $0.36½ American gold.)

Wooden Articles.—Val., $0.50; Kilos.	
Bolivia, $90. Total	**$90**
Seats and Spokes for Vehicles.—Val., $0.50; Kilos.	
Bolivia, $288. Total	**288**
Wooden Unmounted Vehicles.—Val., $300; Each.	
Bolivia, $1,800. Total	**1,800**
Wooden Chocos.—Val., $0.50; Kilos.	
Bolivia, $250. Total	**250**
Wooden Beds.—Val., $1; Piece.	
Peru, $2,000; Bolivia, $5,500; Argentina, $343,349. Total	**350,849**
Yokes for Cattle.—Val., $10; Each.	
Argentina, $400. Total	**400**
Split Firewood.—Val., $15; Per 1,000.	
Peru, $5,580. Total	**5,580**
Palm Wood (Hardwood Palm).—Val., $1; Kilos.	
Peru, $296. Total	**296**
Wood for Construction.—Val., $0.80; Pieces.	
United States, $56; Great Britain, $16; Germany, $56; France, $120; Italy, $864; Peru, $10,004; Bolivia, $2,260; Argentina, $7,348; Uruguay, $240. Total	**20,964**
Wood Furniture.—Val., $0.50; Bulk.	
Germany, $400; France, $100; Guatemala, $100; Peru, $3,850; Bolivia, $350; Argentina, $1,450. Total	**6,250**
Wood and Rush Seats.—Val., $70; Doz.	
France, $70. Total	**70**
Sommiers.—Val., $10; Each.	
Peru, $240. Total	**240**
Boards for Chests, Etc.—Val., $0.02; Pieces.	
Peru, $1,218. Total	**1,218**
Boards of Rauli.—Val., $0.02; Pieces.	
Bolivia, $11. Total	**11**
Oak Beams.—Val., $3; Each.	
Bolivia, $1,464. Total	**1,464**
Empty Vessels.—Val., $8; Each.	
Peru, $3,792; Argentina, $40; Bolivia, $176. Total	**4,008**
Woods. Total	**$393,778**

5. TOBACCOS.

(The Chilean peso is worth $0.36½ American gold.)

Tobacco.—Val., $0.80; Kilos.	
Peru, $448; Bolivia, $40; Argentina, $7,000. Total	**$7,488**
Tobaccos. Total	**$7,488**

III.

MINERAL PRODUCTS.

(The Chilean peso is worth $0.36½ American gold.)

Clay.—Val., $0.15; Kilos.
United States, $18; Peru, $120. Total..... $138

Sulphur.—Val., $0.10; Kilos.
Bolivia, $5,292. Total..... 5,292

Borax.—Val., $0.14; Kilos.
Great Britain, $848,050; Germany, $1,308,300; France, $357,000; Belgium, $98,000. Total..... 2,611,350

Empty Bottles.—Val., $0.12; Kilos.
Bolivia, $744; Argentina, $12. Total..... 756

Tar.—Val., $0.05; Kilos.
Peru, $13. Total..... 13

Lime.—Val., $0.02; Kilos.
Germany, $2; Argentina, $8. Total..... 10

Coal.—Val., $15; Per ton.
Great Britain, $3,990; Bolivia, $210. Total..... 4,200

Coke.—Val., $18; Kilos.
Argentina, $126. Total..... 126

Copper Bars.—Val. Var.; Kilos.
United States, $624,321; Great Britain, $14,437,461; Germany, $200,149; France, $3,813,674. Total..... 19,075,605

Axles, Auriferous, of Copper and Gold.—Val. Var.; Kilos.
United States, $13,931; Great Britain, $62,071. Total..... 76,002

Copper Axles.—Val. Var.; Metric Quintal.
United States, $751,997; Great Britain, $124,982; Germany, $303,634. Total..... 1,180,613

Copper and Gold Axles.—Val. Var.; Kilos.
Great Britain, $203,488. Total..... 203,488

Axles of Copper, Silver and Gold.—Val. Var.; Kilos.
Great Britain, $19,572. Total..... 19,572

Chalk.—Val., $0.06; Kilos.
United States, $72. Total..... 72

Bricks.—Val., $0.04; Kilos.
Peru, $20. Total..... 20

Manganese.—Val., $0.03; Kilos.
Great Britain, $39,708. Total..... 39,708

Copper Ores.—Val. Var.
United States, $225; Great Britain, $2,116,161; France, $1,685; Germany, $44,871. Total..... 2,163,122

Copper and Gold Ores.—Val. Var.; Kilos.
Great Britain, $32,795; Germany, $63,975. Total..... 96,770

Copper and Silver Ores.—Val. Var.; Kilos.
Great Britain, $4,596; Germany, $2,624. Total..... $7,220

Copper, Silver and Gold Ores.—Val. Var.; Kilos.
Great Britain, $827; Germany, $16,733. Total..... 17,560

Cobalt Ores.—Val. Var.; Kilos.
Great Britain, $8,585. Total..... 8,585

Iron Ores.—Val., $0.10; Kilos.
Great Britain, $3,600. Total..... 3,600

Gold Ores.—Val. Var.; Kilos.
Germany, $20,746; Belgium, $367. Total..... 21,113

Gold and Silver Ores.—Val. Var.; Kilos.
Great Britain, $390,819; Germany, $13,506; France, $9,749.
Total 414,074

Silver Ores.—Val. Var.; Kilos.
Great Britain, $13,598; Germany, $4,419. Total..... 18,017

Gold in Bar.—Val., $1.80; Grms.
Great Britain, $56,178; Germany, $1,956,915. Total..... 2,013,093

Gold and Silver in Bar.—Val. Var.; Grms.
Great Britain, $22,799. Total..... 22,799

Oxide of Copper and Gold.—Val. Var.; Kilos.
Germany, $495. Total..... 495

Gold in Dust and Leaves.—Val., $1.80; Grms.
France, $6,840. Total..... 6,840

Gold and Copper Bars (Ingots).—Val., $1.80; Grms.
Great Britain, $2,367. Total..... 2,367

Gold Dust.—Val., $1.80; Grms.
Great Britain, $15,300; Germany, $53,487; France, $163,197.
Total 231,984

Silver in Ingots.—Val., $0.0584; Grms.
Great Britain, $142,731; France, $49,283. Total..... 192,014

Precipitate of Gold.—Val. Var.; Kilos.
Great Britain, $56,790; Germany, $19,440. Total..... 76,230

Precipitate of Gold and Copper.—Val. Var.; Kilos.
Germany, $7,250. Total..... 7,250

Nitrate.—Val., $11.05; Metric Quintal.
United States, $36,185,435; Great Britain, $74,883,640; Germany, $40,111,058; France, $16,801,967; Peru, $10,608; Italy, $4,034,-576; Belgium, $4,275,024; Ecuador, $1,547; Holland, $3,154,333; Austria, $308,958; Spain, $1,825,902; Argentina, $8,398; Australia, $653,939; Japan, $1,371,305; Honolulu, $655,265; Fire Islands, $139,893. Total..... 184,421,848

Sulphide of Silver.—Val. Var.; Kilos.
Great Britain, $8,251; Germany, $174,271. Total..... 182,522

Iodine.—Val., $12.50; Kilos.
United States, $3,639,225; Great Britain, $504,100; Germany, $2,909,550. Total.....$7,052,875

Mineral Products. Total.....$220,177,343

IV.

BEVERAGES AND LIQUORS.

(The Chilean peso is worth $0.36½ American gold.)

Mineral Water.—Val., $0.30; Kilos.
Great Britain, $6; France, $165; Argentina, $324; Bolivia, $1,872; Peru, $474. Total..... $2,841

Aguardiente.—Val., $10; Doz.
Great Britain, $80; Germany, $80; Argentina, $530; Guatemala, $30. Total..... 720

Aguardiente.—Val., $0.60; Litre.
Argentina, $1,353. Total..... 1,353

Alcohol.—Val., $0.50; Litre.
Peru, $58,842; Bolivia, $12,200. Total..... 71,042

Sediment of Wine.—Val., $0.20; Litre.
France, $1,500. Total..... 1,500

Beer.—Val., $2.50; Doz.
Germany, $160; Mexico, $600; Argentina, $7,705; Panama, $190; Peru, $7,440; Ecuador, $300; Bolivia, $29,755; Guatemala, $20. Total..... 46,170

Chicha (Beverage of boiled and fermented grape juice).—Val., $0.30; Litre.
Argentina, $30. Total..... 30

Apple Chicha.—Val., $0.30; Litre.
Germany, $18. Total..... 18

Syrups.—Val., $10; Doz.
Peru, $120; Ecuador, $80. Total..... 200

Grape Juice.—Val., $8; Doz.
Argentina, $3,520; Uruguay, $2,560; Brazil, $1,200. Total..... 7,280

Lemonade.—Val., $2; Doz.
Argentina, $140. Total..... 140

Pisco (Special kind of aquardente).—Val., $18; Doz.
Argentina, $2,250. Total..... 2,250

White Wine.—Val., $15; Doz.
Great Britain, $30; Germany, $165; Argentina, $150; Bolivia, $675; Peru, $6,240; Uruguay, $360; Guatemala, $30. Total..... 7,650

White Wine.—Val., $0.50; Litre.
Bolivia, $190. Total..... 100

Red Wine.—Val., $0.30; Litre.
Great Britain, $72; Germany, $17,535; France, $90; Italy, $108; Mexico, $720; Argentina, $68,865; Bolivia, $8,793; Panama, $87; Uruguay, $11,088; Ecuador, $3,096; Colombia, $108; Peru, $15,807. Total..... $126,369

Red Wine.—Val., $10; Doz.
Great Britain, $980; Germany, $610; France, $10; Argentina, $6,780; Ecuador, $540; Bolivia, $1,450; Panama, $160; Uruguay, $280; Fire Islands, $200; Peru, $10,900; Brazil, $2,060; Guatemala, $220. Total..... 24,190

Vinegar.—Val., $2.40; Doz.
Bolivia, $96. Total..... 96

Vinegar.—Val., $0.12; Litre.
Bolivia, $108. Total..... 108

Beverages and Liquors. Total..... $292,147

V.

COINS.

(The Chilean peso is worth $0.36½ American gold.)

Stamped Gold.—Val., ——.
Germany, $18,989,846; France, $400; Peru, $2,420,281. Total..$21,410,427

Coins. Total.....$21,410,427

VI.

SUNDRIES.

(The Chilean peso is worth $0.36½ American gold.)

Artificial Manure.—Val., $0.45; Kilos.
Great Britain, $23,404; France, $21,510. Total..... $44,550

Sulphuric Acid.—Val., $0.25; Kilos.
Peru, $15,350. Total..... 15,350

Cotton in the Rough.—Val., $0.50; Kilos.
Peru, $995. Total..... 995

Alum.—Val., $0.15; Kilos.
Germany, $30. Total..... 30

Sand.—Val., $0.01; Kilos.
Great Britain, $173; Germany, $5. Total..... 178

Canchalagua.—Val., $0.05; Kilos.
Peru, $32. Total..... 32

Common Coal.—Val., $0.03; Kilos.
Argentina, $30; Peru, $18. Total..... 48

Charcoal of Pine.—Val., $0.05; Kilos.
Bolivia, $1,090. Total..... $1,090

Wool Cassimere.—Val., $4; Kilos.
Bolivia, $9,388. Total..... 9,388

Vehicles.—Val., $600; Each.
Peru, $600. Total..... 600

Catalogues.—Bulk.
Argentina, $100. Total..... 100

Collections of Insects.—Kilos.
France, $200. Total..... 200

Cream of Tartar.—Val., $1; Kilos.
Germany, $23,020. Total..... 23,020

Oil Paintings.—Each.
Great Britain, $300; Germany, $1,500; Uruguay, $20. Total..... 1,820

Skeletons.—Bulk.
Great Britain, $500. Total..... 500

Quillay Extract.—Val., $5; Kilos.
Great Britain, $1,400. Total..... 1,400

Hemp Fibre.—Val., $0.20; Kilos.
Great Britain, $15; Uruguay, $2,060. Total..... 2,075

Matches.—Val., $1.20; Kilos.
Bolivia, $840; Argentina, $192. Total..... 1,032

Common Blankets.—Val., $4; Kilos.
Bolivia, $3,460. Total..... 3,460

Horseshoes.—Val., $0.30; Kilos.
Bolivia, $756. Total..... 756

Hemp Cord and Thread.—Val., $0.65; Kilos.
Bolivia, $715. Total..... 715

Hemp Thread.—Val., $0.65; Kilos.
United States, $39; Argentina, $39; Peru, $1,105; Uruguay, $3,900. Total..... 5,083

Medicinal Leaves.—Val., $0.10; Kilos.
Peru, $30. Total..... 30

Tackle, Etc.—Val., $0.50; Kilos.
Peru, $73; Argentina, $3,336. Total..... 3,409

Raw Flax.—Val., $0.80; Kilos.
Great Britain, $6,360. Total..... 6,360

Various Wares.—Val. Var.; Bulk.
United States, $2,000; Great Britain, $2,500; Germany, $1,470; Argentina, $12,073; Peru, $1,836; Bolivia, $35,065. Total..... 54,944

Live Plants.—Val., $10; Bulk.
United States, $10; Great Britain, $10; Germany, $80; Ecuador, $50; Peru, $1,140. Total..... 1,290

Piolilla.—Val., $0.60; Kilos.
Peru, $72. Total..... $72

Objects of Art.—Val. Var.; Cases.
Germany, $2,000. Total..... 2,000

Wool Handkerchiefs.—Val., $10; Kilos.
Bolivia, $6,000. Total..... 6,000

Powders for Sheep Dips.—Val., $0.70; Kilos.
Peru, $350. Total..... 350

Portraits.—Val. Var.; Kilos.
Germany, $130. Total..... 130

Salt.—Val., $0.05; Kilos.
Great Britain, $4,809; Argentina, $493; Peru, $2. Total..... 5,304

Tartar.—Val., $4; Kilos.
Great Britain, $5,200; Germany, $38,928; France, $73,400; Belgium, $1,920. Total..... 119,448

Stearine Candles.—Val., $1; Kilos.
Bolivia, $1,666; Argentina, $2,820. Total..... 4,486

Provisions.—Val. Var.; Bulk.
Peru, $3,000; Argentina, $50. Total..... 3,050

Medicinal Herbs.—Val., $0.06; Kilos.
United States, $330; Germany, $1,599; Argentina, $9; Uruguay, $183; Peru, $45. Total..... 2,166

Sundries. Total..... $321,461

1.	Animal Products.....	$9,072,705
2.	Vegetable Products.....	13,935,109
3.	Mineral Products.....	220,177,343
4.	Beverages and Liquors.....	292,147
5.	Coins	21,410,427
6.	Sundries	321,461
	Total	$265,209,192

PART IV.

DIRECTORY

OF THE

PRINCIPAL FARMERS, MINERS, MERCHANTS AND MANUFACTURERS IN CHILE.

STATISTIC OF THE INDUSTRIES OF THE DEPARTMENT OF SANTIAGO IN 1906,

ISSUED BY THE *SOCIEDAD DE FOMENTO FABRIL.*

The statistic of the different industries in the department of Santiago gives the following general results: Number of industrial establishments, 1,015; total capital, $54,476,422; total capital in machinery, $11,663,757; motive power, 502; horsepower of above, 4,691; raw materials consumed, $38,604,766; total production during year, $86,039,499; average production, $83,409,321.

The figure referring to the number of establishments does not indicate all those existing in the department of Santiago; small factories employing less than four workmen not having been reckoned.

The different groups of industries into which the statistic is divided are as follows:

I. *Alcohols, Beverages and Their Preparations.*

This group comprises twenty-three establishments consuming raw materials valued as follows: National, $2,416,560; foreign, $1,691,440; total, $4,108,000.

The capital of these establishments is: In property, $1,156,000; machinery, $2,101,800; working capital, $860,000; capital not specified, $768,768; total, $4,887,067. Annual production, $6,753,700; average, $923,200.

Number of hands employed: Men, 919; women, 453; boys, 200; total, 1,572. Native, 1,307; foreign, 265.

These twenty-three establishments employ the following machinery: Machines (engines), 64; boilers, 9, 285 h.-p.; motors, 27, 986½ h.-p.

In this group the brewery of the "Sociedad Andres Ebner" deserves special mention, as also the distillery and liquor factory of Ventura Hermanos, and on a smaller scale the cognac factory belonging to the estate of Adelina C. de Lopeandia.

II. *Pottery, Ceramic and Glassware.*

In this group five establishments are classified representing a total capital of $1,018,500 and consuming $196,500 in raw materials almost entirely national. The average annual production is 946,000 pesos, with two motors of 23 h.-p. and three engines, employing 531 hands, all native. In this group figures the "Fabrica Nacional de Vidrios," organized as a company.

III. *Alimentary Products and Preparations.*

In this group 107 establishments are classified whose capital is: In property, $1,627,550; machinery, $1,596,590; working capital, $3,625,780; non-specified capital, $150,000; total, $6,999,920. Annual consumption in raw materials, $12,492,236; annual production, $20,097,787; average production, $17,627,479.

These establishments employ the following work people: Men, 1,565; women, 641; boys, 199; total, 2,405. Natives, 2,310; foreign, 95.

These industries employ the following machinery: Machines, 719; boilers, 9, 229 h.-p.; motors, 110, 1,789½ h.-p. The predominating power used in this group is gas, then come electricity and water, mostly employed in the mills. This group comprises mills, spaghetti factories, bakeries, biscuit factories, jam factories, etc., industries all of which have considerably developed.

IV. *Illumination, Heating and Combustibles.*

Eight establishments are classified: Seven candle factories and one of hydrogen. The principal establishment is the gas works, organized as a corporation, with a capital of $3,400,000.

V. *Ship Yards and Reparations of Vessels.*

No such establishments exist at present in Santiago.

VI. *Clothing and Manufactured Goods.*

This group consists of 198 establishments, with a capital of $6,836,793, and an average annual production of $12,307,032. It consumes in raw materials: National, $502,671; foreign, $5,062,171; total, $5,564,842. Number of work people: Men, 1,108; women, 4,897; boys, 115; total, 6,120. Native, 5,120; foreign, 214.

The tailoring establishments employ the greater number of hands in this group, *i. e.*, 3,396; among which the "Taller Militar de Justiniano & Co." is worthy of special mention. Corset factories employ 529 hands; shirt factories, 813; manufacturers of articles of fashion, 489; the working of hemp sandals, 282, and hat factories, 258. Manual labor predominates in this group, and the mechanical is represented as follows: Machines with motive power, 926; treadle machines, 315; hand machines, 217; motors, 24; horsepower of above, 284.

VII. *Woods and Manufactures.*

There are 87 establishments in this group, with a capital of $5,089,319. The annual consumption of raw materials is: National, $2,434,490; foreign, $363,260; total, $2,797,750. The annual production is $5,700,640; average production, $4,867,350.

These industries employ the following hands: Men, 1,290; women, 9; boys, 196; total, 1,495. Native, 1,452; foreign, 43.

They employ the following mechanism: Machines with motive power, 361; hand machines, 28; treadle machines, 2; motors, 56; horsepower of above, 1,006½.

The principal industries in this group are those of the elaboration of wood and manufacture of coffins.

VIII. *Materials for Construction.*

In this group there are 19 establishments, with a total capital of $2,133,405, consuming the following in raw materials: National, $159,092; foreign, $421,600; total, $580,692.

The average annual production is $1,510,800. These industries employ 14 motors, with a total force of 166 h.-p., and occupy 874 hands. In this group the factories for composition bricks and cement pipes are worthy of special mention.

IX. *Textile Materials.*

There are eight establishments in this group: one cloth factory, five factories

for woolen goods, one for passementerie for furniture and one accoutrement factory, with a total capital of $1,653,000, consuming annually in raw materials: National, 147,000; foreign, $801,000; total, $948,000.

The average annual production is $1,449,000, employing the following hands: Men, 116; women, 385; boys, 87.

These industries employ the following mechanism: Machines with motive power, 508; hand machines, 43; treadle machines, 5; motors, 9; horsepower of above, 128.

X. *Metals and Manufactures.*

This group comprises 130 establishments, with the following capital: In machinery, $1,105,360; property, $1,066,734; working capital, $2,705,836; capital not specified, $32,250; total $4,910,180.

The consumption of raw materials is $2,091,618, nearly all from foreign sources. The average annual production amounts to $4,973,320.

The following hands are employed: Men, 1,622; women, 30; boys, 306; total, 1,958. The establishments employing the greater number of hands are the foundries, iron works and locksmiths.

The following mechanism is employed: Machines with motive power, 533; hand machines, 337; treadle machines, 18; motors, 63; horsepower for above, 521. The motive power most used is gas.

XI. *Furniture.*

There are 41 establishments, representing a capital of $1,421,470, consuming in raw materials: National, $347,646; foreign, $393,490; total, $741,136.

One thousand and nine hands are employed and 14 motors; eight with gas, three with air and three electric, with a total of 115½ h.-p.

XII. *Paper and Printed Matter.*

In this group 72 establishments are classified with the following capital: Machinery, $917,250; property, $114,000; working capital, $836,200; non-specified, $415,000; total, $2,282,450.

The annual consumption of raw material is: Foreign, $476,240; national, $62,500; total, $538,740.

The annual production is $2,692,100; average production, $2,435,200.

The following hands are employed: Men, 802; women, 86; boys, 195; total, 1,083. Native, 1,060; foreign, 23.

The following machinery is used: Machines with motive power, 96; hand machines, 187; treadle machines, 91; motors, 99; horsepower of motors, 403. The motive powers most used are electricity and gas.

XIII. *Hides, Skins and Manufactures.*

There are 137 establishments, with the following capital: Property, $468,000; machinery, $527,180; working capital, $7,060,750; non-specified, $349,500; total, $8,405,430.

Consumption of raw materials: Native, $4,118,822; foreign, $1,514,324; total, $5,633,146.

Hands employed by these establishments: Men, 2,657; women, 898; boys, 98; total, 3653. The greater number of hands are employed by shoemakers, 1,512; the footwear factories employ 1,420, and the tanneries 488.

The mechanical labor is represented by: Machines with motive power, 231; hand machines, 32; treadle machines, 91; motive power, 25; horsepower of motive powers, 345. Motive powers are only used in the tanneries, saddleries and footwear factories; the others, leather factories, glove factories, patent leather factories, furriers and shoemakers have none.

XIV. *Pharmaceutical and Chemical Products.*

There are 35 establishments, with a capital of $1,038,000, and with an average annual production amounting to $1,568,000; 264 hands are employed and 7 motors, with a total of 21 h.-p.

XV. *Tobaccos and Manufactures.*

There are 10 establishments, with a total capital of $538,700, consuming $236,900 in raw materials, principally national.

The following hands are employed: Men, 104; women, 100; boys, 10; total, 214.

Four gas motors and one steam, with a total of 36 h.-p.; 22 machines with motor power, and 47 hand machines are used.

XVI. *Vehicles and Materials for Transport.*

In this group there are 43 establishments, of which 39 are carriage works and four cart factories. The capital, annual consumption of raw material, and average yearly production is as follows: Capital, $1,647,000; raw material, $622,180; annual production, $2,103,200.

There are 765 hands employed, and 17 motors with a total of 122½ h.-p.; 125 hand machines and 43 with mechanic power.

XVII. *Divers Industries.*

There are 128 establishments classified, with the following capital: Machinery, $595,124; property, $757,975; working capital, $730,589; non-specified, $10,000; total, $2,093,688.

Consumed in raw materials: National, $150,939; foreign, $385,155; total, $536,094.

Average annual production, $1,994,490.

Hands employed: Men, 293; women, 1,119; boys, 98; total, 1,510.

Twenty-two motors are used. The largest class in this group is the laundries, numbering 86, giving occupation to 86 work people, with six motors and two boilers. Other industries figuring in this group and worthy of mention are the dye works and five ice factories. The most important establishment in this group is the Frigorific establishment, belonging to the corporation called "Sociedad Frigorifico de la Vega."

INDUSTRIAL STATISTICS.

GROUP I.—ALCOHOLS, BEVERAGES AND THEIR PREPARATIONS.

Industries.	No. of Establishments.	Capital.			
		Property.	Machinery.	Working Capital.	Total.
Distilleries	2	.....	$15,000	.....	(a) $743,767
Gaseous beverages	9	$215,000	193,100	$60,000	468,100
Beers	3	845,000	1,878,700	500,000	3,223,700
Liquors	9	96,000	15,000	300,000	(a) 451,500
Total	23	$1,156,500	$2,101,800	$860,000	$4,887,067

GROUP II.—POTTERY, CERAMIC AND GLASSWARE.

Glass factories	2	$300,000	$600,000	$100,000	$1,000,000
Black and white porcelain	3	.....	9,500	9,000	18,500
Total	5	$300,000	$609,500	$109,000	$1,018,500

GROUP III.—ALIMENTARIES AND THEIR PREPARATIONS.

Confectionery	7	$30,000	$80,740	$562,000	$672,740
Chocolate	2	.....	.....	.....	.....
Vermicelli	8	115,000	125,500	76,000	316,500
Biscuits	7	115,000	111,500	104,500	331,000
Bakeries	59	497,050	247,850	528,280	1,273,180
Vinegar	1	16,000	3,000	5,000	24,000
Mills	13	764,500	897,000	1,926,000	3,857,500

GROUP III.—ALIMENTARIES AND THEIR PREPARATIONS—Continued.

Industries.	No. of Establishments.	Capital.			
		Property.	Machinery.	Working Capital.	Total.
Coffee roasters	2	.....	$4,000	$4,000	$8,000
Salt refiners	1	.....	10,000	20,000	30,000
Preserves	3	40,000	92,000	300,000	432,000
Fat refiners	4	50,000	25,000	100,000	175,000
Total	107	$1,627,550	$1,596,590	$3,625,780	$6,849,920

GROUP IV.—ILLUMINATION, HEATING AND COMBUSTIBLES.

Candle factories	7	$67,500	$9,000	$45,000	$121,500
Gas factories	1	700,000	1,300,000	1,400,000	3,400,000
Total	8	$767,500	$1,309,000	$1,445,000	$3,521,500

GROUP V.—SHIPYARDS AND REPAIRING VESSELS.

At Santiago there are no establishments of this sort.

GROUP VI.—CLOTHING AND MANUFACTURED GOODS.

Fashions	48	.....	$9,912	$349,500	$359,412
Tents, etc.	1	.....	1,000	.....	1,000
Shirts	12	$218,541	153,635	1,034,000	1,406,176
Mattresses	3	.....	4,300	65,000	69,300
Artificial flowers	5	.....	26,700	39,400	66,100
Cap factories	3	.....	2,600	.....	2,600
Tailoring	95	125,000	112,800	2,376,530	2,614,330
Hat workshops and factories	14	100,000	92,875	544,500	737,275
Travelling bags, etc.	5	112,500	18,750	192,550	323,800
Sandals	5	12,000	7,200	187,000	206,200
Waterproofs	2	.....	5,500	120,000	125,500
Corsets	5	40,000	201,000	684,000	925,000
Total	198	$608,041	$636,272	$5,592,480	$6,836,793

GROUP VII.—WOODS AND THEIR MANUFACTURES.

Carpenter shops	33	$9,000	$55,930	$131,050	(a) $198,480
Frame factories	10	.....	11,250	71,600	82,850
Engravings	1	.....	.....	.....	.....
Sawmills and factories for elaborating wood	25	975,269	617,056	2,610,764	4,203,089
Coopering	5	12,000	4,500	40,500	57,000
Turnery	3	.....	9,500	46,000	55,500
Coffin factories	9	31,500	10,700	175,200	217,400
Wood parquets	1	70,000	40,000	165,000	275,000
Total	87	$1,097,769	$748,936	$3,240,114	$5,089,319

GROUP VIII.—MATERIALS FOR CONSTRUCTION.

Quarries	5	$280,000	$35,000	$123,000	$438,000
Factories for fiscal bricks and Composition	4	233,550	420,825	232,030	886,405
Marble and artificial stones	6	103,000	85,000	275,000	463,000
Cement articles and tubes	2	.....	166,000	80,000	246,000
Elaboration of plaster	2	70,000	15,000	15,000	100,000
Total	19	$686,550	$721,825	$725,030	$2,133,405

GROUP IX.—TEXTILE MATERIALS.

Industries.	No. of Establishments.	Capital.			
		Property.	Machinery.	Working Capital.	Total.
Furniture passementerie	1	.....	$4,000	$10,000	$14,000
Manufactured cloths	1	.....	.....	.....	400,000
Manufacture of woven goods	5	$90,000	187,000	911,000	1,188,000
Accoutrements	1	30,000	5,000	16,000	51,000
Total	8	$120,000	$196,000	$937,000	$1,653,000

GROUP X.—METALS AND THEIR MANUFACTURES.

Braziers	4	.....	$16,000	$44,000	$60,000
Factories for iron boxes and chests	3	.....	24,500	.....	24,500
Nail factories	2	$100,000	90,000	140,000	330,000
Nickel workshops	3	.....	.....	.....	.....
Foundries	18	762,734	513,400	690,525	1,998,909
Smithies and locksmiths	37	174,000	213,680	1,028,353	1,416,033
Lamp, gas and tin factories	36	16,000	53,280	132,958	202,238
Jewellers and jewel factories	15	.....	40,000	340,000	380,000
Workshops for engraving	3	.....	45,000	.....	45,000
Bedstead factories	5	.....	78,000	240,000	318,000
Automobiles and bicycles	2	14,000	10,000	10,000	34,000
Ammunition	1	.....	20,000	80,000	100,000
Wire netting	1	.....	1,500	.....	1,500
Total	130	$1,066,734	$1,105,360	$2,705,836	$4,910,180

GROUP XI.—FURNITURE.

Furniture and upholstery	41	$352,000	$105,520	$1,064,250	$1,421,470
Total	41	$352,000	$105,520	$1,064,250	$1,421,470

GROUP XII.—PAPER AND PRINTED MATTER.

Binding and manufacture of blank books	20	$6,000	$91,500	$57,150	$154,650
Manufacture of paper bags	4	.....	37,000	32,000	69,000
Manufacture of envelopes	2	.....	30,000	5,000	35,000
Photogravure	2	.....	53,000	12,000	65,000
Printing offices	34	81,000	593,250	715,250	1,404,500
Lithography	9	27,000	102,500	14,800	544,300
Playing cards	1	.....	10,000	.....	10,000
Total	72	$114,000	$917,250	$836,200	$2,282,450

GROUP XIII.—SKINS AND THEIR MANUFACTURES.

Tanneries	13	$300,000	$248,000	$2,816,000	$3,364,000
Boot and shoe factories	17	18,000	202,350	2,820,000	3,340,350
Cord and rope factories	1	.....	.....	.....	.....
Glove factories	1	.....	2,080	25,000	27,080
Saddlery	18	30,000	38,500	328,000	396,500
Cobblers	84	40,000	34,750	906,750	1,031,000
Furriers	2	65,000	.....	150,000	215,000
Patent leather factories	1	15,000	1,500	15,000	31,500
Total	137	$468,000	$527,180	$7,060,750	$8,405,430

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Industries.	No. of Establishments.	Capital.			
		Property.	Machinery.	Working Capital.	Total.
Manufacture of powder	1	.....	$1,500	$2,000	$3,500
" " oils	6	$67,000	52,500	58,000	177,500
" " starch	3	42,000	1,500	3,000	46,500
" " fireworks	1	20,000	.....	10,000	30,000
" " soap	7	100,000	26,000	30,000	156,000
" " inks	3	.....	.....	12,500	12,500
" " specifics	10	151,000	74,000	339,000	564,000
" " quillay extract	1	.....	.....	.....	.....
" " glue	3	33,000	6,500	8,500	48,000
Total	35	$413,000	$162,000	$463,000	$1,038,000

GROUP XV.—TOBACCOS AND MANUFACTURES.

Cigar shops and pure cigarette factories	5	$3,000	$3,200	$70,000	$88,200
Working of tobaccos	5	121,000	84,500	245,000	450,500
Total	10	$124,000	$87,700	$315,000	$538,700

GROUP XVI.—VEHICLES AND EQUIPMENT FOR TRANSPORT.

Carriage works	39	$440,000	$193,500	$858,000	$1,491,500
Factories for carts and hand carts	4	100,000	50,500	5,000	155,500
Total	43	$540,000	$244,000	$863,000	$1,647,000

GROUP XVII.—SUNDRY INDUSTRIES.

Ice factories	6	$270,000	$271,000	$100,000	$641,000
Cambuchos	3	.....	16,000	28,000	44,000
Broom factories	3	.....	5,000	10,000	15,000
Brush and swab factories	2	.....	5,000	12,000	17,000
Laundries	86	34,000	44,350	48,585	126,935
Dye works	5	7,500	10,500	5,500	23,500
Paint shops	2	.....	.....	4,300	4,300
Crowned cover	2	.....	42,000	122,000	164,000
Orthopedic apparatus and bandages	1	.....	10,000	.....	10,000
Feather dusters	1	.....	.....	.....	10,000
Billiard factories	2	80,000	7,000	14,000	101,000
Fregorific establishments	1	216,475	107,674	123,204	447,353
Matting factories	1	.....	.....	3,500	3,500
Organ factories	1	.....	.....	.....	.....
Enamel factories	1	.....	400	.....	400
Plaster statue factories	2	.....	.....	10,000	10,000
Mirror factories	2	150,000	68,000	180,000	398,000
Show cases	1	.....	5,000	40,000	45,000
Piano factories	1	.....	2,000	25,000	27,000
Springs	5	.....	1,200	4,500	5,700
Total	128	$757,975	$595,124	$730,589	$2,093,688

GROUP I.—ALCOHOLS, BEVERAGES AND THEIR PREPARATIONS.

Industries.	No. of Establishments.	Capital.			
		Property.	Machinery.	Working Capital.	Total.
Distilleries	2	$188,500	$170,000	$30,000	.....
Gaseous beverages	9	2,325,200	1,925,200	808,000	$871,400
Beers	3	5,540,000	3,640,000	1,249,760	763,840
Liquors	9	1,000,000	988,000	328,800	56,200
Total	23	$9,053,700	$6,723,200	$2,416,560	$1,691,440

GROUP II.—POTTERY, CERAMIC AND GLASSWARE.

Glass factories	2	$1,200,000	$900,000	$180,000	$10,000
Black and white porcelain	3	56,000	46,000	6,500	.....
Total	5	$1,256,000	$946,000	$186,500	$10,000

GROUP III.—ALIMENTARY PRODUCTS.

Confectionery	7	$1,139,000	$999,000	$345,000	$140,000
Chocolate	2	.....	.....	.....	.....
Vermicelli	8	527,250	515,650	280,750	.....
Biscuits	7	805,000	559,400	387,500	15,000
Bakeries	59	6,702,610	6,100,502	4,213,280	5,765
Vinegar	1	72,000	36,000	2,000	.....
Mills	13	8,890,927	7,867,927	6,184,941	.....
Coffee roasters	2	36,000	24,000	.....	18,000
Salt refiners	1	200,000	150,000	100,000	.....
Preserves	3	650,000	550,000	390,000	.....
Fat refiners	4	1,075,000	825,000	310,000	100,000
Total	107	$20,097,787	$17,627,479	$12,213,471	$278,765

GROUP IV.—ILLUMINATION, HEATING AND COMBUSTIBLES.

Candle factories	7	$140,000	$140,000	$64,000	$71,500
Gas factories	1	3,000,000	2,500,000	.....	871,482
Total	8	$3,140,000	$2,640,000	$64,000	$942,982

GROUP V.—SHIPYARD AND REPAIRING VESSELS.

At Santiago there are no such establishments.

GROUP VI.—CLOTHING AND MANUFACTURED GOODS.

Fashions	48	$773,100	$610,740	$3,000	$250,100
Tents	1	74,100	70,000	2,000	12,000
Shirts	12	1,937,000	1,844,000	9,800	689,000
Mattresses	3	366,000	366,000	140,800	62,600
Artificial flowers	5	122,500	118,000	100	37,500
Cap factories	3	66,000	62,000	.....	24,000
Tailoring	95	7,243,276	6,226,660	156,100	2,806,600
Hat factories, etc	14	720,900	697,552	44,371	216,771
Travelling bags, etc	5	406,722	271,000	110,500	58,000
Sandals	5	513,000	462,080	36,000	141,000
Waterproofs	2	440,000	440,000	.....	147,000
Corsets	5	1,379,000	1,139,000	.....	617,600
Total	198	$14,040,498	$12,307,032	$502,671	$5,062,171

GROUP VII.—WOODS AND THEIR MANUFACTURES.

Industries.	No. of Establishments.	Production.		Raw Materials.	
		During Year.	Average.	Domestic.	Foreign.
Carpenter shops	33	$558,800	$495,950	$109,480	$42,400
Frame factories	10	190,000	151,000	27,000	58,000
Engravings	1	2,400	2,400	.....	.....
Sawmills and factories for elaborating wood	25	4,237,964	3,539,000	2,227,060	158,000
Coopering	5	130,000	124,500	26,000	32,000
Furnery	3	70,000	65,000	25,000	.....
Coffin factories	9	319,000	297,500	10,400	2,860
Wood parquets	1	192,000	192,000	10,000	70,000
Total	87	$5,700,164	$4,867,350	$2,434,940	$363,260

GROUP VIII.—MATERIALS FOR CONSTRUCTION.

Quarries	5	$506,000	$443,000	$40,000	$10,000
Factories for fiscal bricks and composition	4	26,000	22,000	5,500	.....
Marbles and artificial stones	6	570,800	565,800	33,592	161,600
Cement articles	2	400,000	400,000	20,000	250,000
Elaboration of plaster	2	80,000	80,000	60,000	.....
Total	19	$1,582,800	1,510,800	$159,092	$421,600

GROUP IX.—TEXTILE MATERIALS.

Furniture passementerie	1	$15,000	$15,000	.....	$5,000
Manufacture of cloths	1	300,000	300,000	$130,000	50,000
Woven goods	5	1,147,200	1,104,000	5,000	746,000
Accoutrements	1	55,000	30,000	12,000	.....
Total	8	$1,517,200	$1,449,000	$147,000	$801,000

GROUP X.—METALS AND THEIR MANUFACTURES.

Braziers	4	$86,000	$67,000	$1,500	$25,000
Factories for iron boxes and cases	3	84,800	44,800	.....	21,920
Nail factories	2	220,000	193,000	68,000	84,400
Nickel workshops	3	.....	.....	.....	.....
Foundries	18	2,554,000	1,884,750	99,140	390,577
Smithies and locksmiths	37	940,000	731,850	5,403	202,393
Lamp, gas and tin factories	36	671,680	623,920	18,710	225,875
Jewellers and jewel factories	15	805,600	750,000	116,700	91,000
Workshops for engraving	3	43,000	38,000	1,500	2,500
Bedstead factories	5	960,000	750,000	.....	547,000
Automobiles and bicycles	2	20,000	20,000	.....	10,000
Ammunition	1	.....	.....	5,000	70,000
Wire netting	1	10,000	10,000	.....	5,000
Total	130	$6,395,080	$4,973,320	$315,953	$1,775,665

GROUP XI.—FURNITURE.

Furniture and upholstery	41	$2,590,000	$2,279,150	$347,646	$393,490
Total	41	$2,590,000	$2,279,150	$347,646	$393,490

GROUP XII.—PAPER AND PRINTED MATTER.

Industries.	No. of Establishments.	Production.		Raw Materials.	
		During Year.	Average.	Domestic.	Foreign.
Binding and manufacture of blank books	20	$159,000	$140,500	$17,200	$47,80[illegible]
Manufacture of paper bags	4	155,000	114,600	24,000	48,040
Manufacture of envelopes	2	9,600	9,600	250	6,000
Photogravure	2	63,000	53,000	1,000	16,200
Printing offices	34	1,461,500	1,287,500	18,150	217,200
Lithography	9	794,000	780,000	1,900	32,000
Playing cards	1	50,000	50,000	.....	9,000
Total	72	$2,692,100	$2,435,200	$62,500	$476,240

GROUP XIII.—SHOES AND THEIR MANUFACTURES.

Tanneries	13	$3,738,000	$3,428,000	$2,337,000	$111,000
Boot and shoe factories	17	3,431,000	3,428,000	1,169,000	607,400
Cord and rope factories	1	.....	.....	.....	.....
Glove factories	1	30,000	30,000	.....	8,000
Saddlery	18	850,700	775,400	177,900	190,520
Cobblers	84	2,276,900	2,032,300	360,582	560,478
Furriers	2	65,000	65,000	60,000	35,000
Patent leather factories	1	50,000	30,000	14,340	1,926
Total	137	$10,441,600	$9,608,700	$4,118,822	$1,514,324

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of powder	1	$7,500	$7,000	.....	.....
" " oils	6	505,800	417,500	$16,000	$87,000
" " starch	3	15,600	10,000	13,600	.....
" " fireworks	1	45,000	40,000	10,000	8,000
" " soap	7	370,000	310,000	130,000	68,000
" " inks	3	25,000	21,000	1,800	1,600
" " specifics	10	1,135,000	725,000	60,300	102,000
" " quillay extract	1	.....	.....	.....	.....
" " glue	3	44,000	38,000	10,000	1,200
Total	35	$2,147,900	$1,568,500	$241,700	$267,800

GROUP XV.—TOBACCOS AND MANUFACTURES.

Cigar shops and cigarette factories	5	$130,000	$126,800	$60,000	$15,400
Working of tobaccos	5	615,000	505,000	141,500	20,000
Total	10	$745,000	$231,800	$201,500	$35,400

GROUP XVI.—VEHICLES AND EQUIPMENT FOR TRANSPORT.

Carriage works	39	$2,021,200	$1,765,300	$129,400	$492,780
Factories for carts and hand carts	4	82,000	82,000	.....	.....
Total	43	$2,103,200	$1,847,300	$129,400	$492,780

GROUP XVII.—SUNDRY INDUSTRIES.

Industries.	No. of Establishments.	Production.		Raw Materials.	
		During Year.	Average.	Domestic.	Foreign.
Ice factories	6	$101,930	$90,250	$600	.....
Cambuchos	3	79,000	69,000	16,000	$4,400
Broom factories	3	202,000	198,000	12,000	.....
Brush and swab factories	2	120,000	80,000	10,000	20,000
Laundries	86	456,240	373,340	70,229	7,855
Dye works	5	34,000	25,500	360	7,000
Paint shop	2	16,000	10,600	200	10,000
Tapas Corona	2	600,000	550,000	.....	170,000
Orthopedic apparatus and bandages	1	20,000	15,000	5,000	5,000
Feather dusters	1	20,000	18,000	5,000	.....
Billiard factories	2	48,000	48,000	.....	9,000
Frigorific establishments	1	.....	.....	.....	.....
Matting factories	1	20,000	20,000	10,000	.....
Organ factories	1	.....	.....	.....	.....
Enamel factories	1	4,500	4,500	.....	.....
Plaster statue factories	2	75,000	33,000	8,300	7,400
Mirror factories	2	600,000	350,000	12,250	125,000
Vitraux factories	1	60,000	30,000	.....	18,000
Piano factories	1	20,000	20,000	.....	.....
Spring factories	5	59,800	59,300	1,000	1,500
Total	128	$2,536,470	$1,994,490	$150,939	$385,155

GROUP I.—ALCOHOLS, BEVERAGES AND THEIR PREPARATIONS.

Industries.	No. of Establishments.	Hands Employed.						Weekly Salary.			Labor.	
		Men.	Women.	Boys.	Native.	Foreign.	Total.	Men.	Women.	Boys.	Days in Year.	Hours in Day.
Distilleries	2	125	....	...	55	70	125	24.00	.....	.....	300	10.
Gaseous beverages	9	339	190	109	565	73	638	15.00	6.80	5.75	292	10.15
Beers	3	399	240	80	605	114	719	15.00	6.00	6.00	230	12.
Liquors	9	56	23	11	82	8	90	15.40	6.00	6.65	300	9.35
Total	23	919	453	200	1,307	265	1,572	$17.35	$6.26	$6.16	280	10.37

GROUP II.—POTTERY, CERAMIC AND GLASSWARE.

Glass factories	2	280	80	150	510	...	510	$25.00	$4.00	$4.80	300	10.
Black and white porcelain	3	21	....	...	21	...	21	20.00	.....	.....	283	9.40
Total	5	301	80	150	531	...	531	$22.50	$4.00	$4.80	291	9.50

GROUP III.—ALIMENTARIES AND THEIR PREPARATIONS.

Confectionery	7	144	8	10	126	36	162	$17.30	$12.00	$9.50	343	10.10
Chocolate	2	....	....	...	.....	...	.....	.....	.....	.....	...	....
Vermicelli	8	76	15	18	106	3	109	12.60	4.80	3.40	285	9.
Biscuits	7	105	50	48	203	...	203	18.00	5.20	5.40	287	10.30
Bakeries	59	837	7	72	862	54	916	23.10	11.55	4.85	365	9.
Vinegar	1	4	....	...	4	...	4	10.00	.....	.....	300	10.
Mills	13	164	6	9	177	2	179	16.95	7.00	5.35	327	22.20

GROUP III.—ALIMENTARIES AND THEIR PREPARATIONS—Continued.

Industries.	No. of Establishments.	Hands Employed.						Weekly Salary.			Labor.	
		Men.	Women.	Boys.	Native.	Foreign.	Total.	Men.	Women.	Boys.	Days in Year.	Hours in Day.
Coffee roasters	2	10	....	...	10	...	10	12.00	.....	.....	300	10.
Salt refiners	1	35	15	...	50	...	50	15.00	3.30	.....	300	9.30
Preserves	3	170	540	40	750	...	750	18.00	6.00	5.10	150	13.
Fat refiners	4	20	....	2	22	...	22	16.80	.....	12.00	300	10.
Total	107	1,565	641	199	2,310	...	2,405	$15.95	$7.10	$6.50	295	11.15

GROUP IV.—ILLUMINATION, HEATING AND COMBUSTIBLES.

Candle factories	7	21	....	3	24	...	24	$12.00	.....	$6.00	300	9.
Gas factories	1	260	....	...	260	...	260	18.70	.....	.....	...	....
Total	8	281	....	3	284	...	284	$15.35	.....	$6.00	300	9.

GROUP V.—SHIPYARDS AND FOR REPAIRING VESSELS.

At Santiago there are no such establishments.

GROUP VI.—CLOTHING AND MANUFACTURED GOODS.

Fashions	48	....	476	13	463	26	489	.....	$10.00	$2.00	299	9.30
Tents	1	9	35	1	43	2	45	21.00	12.00	.....	300	9.
Shirts	12	58	754	1	806	7	813	19.25	10.35	.....	291	9.
Mattresses	3	20	41	5	66	...	66	23.00	8.00	9.00	300	10.20
Artificial flowers	5	6	44	...	49	1	50	12.15	12.20	.....	300	9.
Cap factories	3	2	21	...	23	...	23	.....	9.90	.....	300	9.30
Tailoring	95	702	2,666	28	3,373	23	3,396	21.90	11.25	4.50	291	9.
Hat factories	14	106	127	25	240	18	258	24.70	9.70	5.90	300	9.40
Travelling bags, etc.	5	76	3	27	84	22	106	18.40	15.00	6.00	300	10.
Sandals	5	111	171	...	282	...	282	19.80	8.15	.....	300	10.10
Waterproofs	2	3	55	5	63	...	63	37.50	16.50	3.00	275	11.
Corsets	5	15	504	10	414	115	529	20.00	11.00	4.00	300	8.00
Total	198	1,108	4,857	115	5,906	214	6,120	$21.75	$11.15	$4.90	296	9.30

GROUP VII.—WOODS AND THEIR MANUFACTURES.

Carpenter shops	33	313	....	39	332	20	352	$18.90	.....	$5.80	285	10.
Frame factories	10	68	7	17	90	2	92	16.80	9.00	5.00	280	9.25
Engravings	1	3	....	1	4	...	4	.....	.....	.....	300	10.
Sawmills and factories for elaborating wood	25	644	....	115	746	13	759	20.20	.....	7.70	300	9.50
Coopering	5	80	....	...	78	2	80	25.00	.....	.....	250	9.20
Turnery	3	32	....	2	34	...	34	22.00	.....	4.20	283	9.20
Coffin factories	9	112	2	10	121	3	124	18.75	.....	8.00	290	9.20
Wood parquets	1	38	....	12	47	3	50	38.00	12.00	12.00	300	10.
Total	87	1,290	9	196	1,452	43	1,495	$22.80	$10.50	$7.10	286	9.35

GROUP VIII.—MATERIALS FOR CONSTRUCTION.

Quarries	5	268	....	10	274	4	278	$16.00	.....	$5.40	283	10.
Brick factories	4	213	....	...	198	15	213	30.00	.....	.....	300	10.
Marble and artificial stone	6	183	....	3	177	9	186	21.60	.....	3.60	257	9.35
Cement articles	2	170	....	10	174	6	180	12.00	.....	7.20	300	10.
Elaboration of plaster	2	12	2	1	14	1	15	15.00	$6.00	6.00	305	10.
Total	19	846	2	24	837	35	872	$18.90	$6.00	$5.55	289	9.55

GROUP IX.—TEXTILE MATERIALS.

Industries.	No. of Establishments.	Hands Employed.						Weekly Salary.			Labor.	
		Men.	Women.	Boys.	Native.	Foreign.	Total.	Men.	Women.	Boys.	Days in Year.	Hours in Day.
Furniture	1	....	9	...	9	...	9	.....	$9.00	.....	300	9.30
Passementerie cloth fabrics	1	70	50	...	120	...	120	$18.30	7.80	.....	300	11.
Woven fabrics	5	34	326	83	438	5	433	16.00	9.60	$4.80	300	9.15
Accoutrements	1	12	....	4	16	...	16	12.00	.....	2.40	250	9.30
Total	8	116	385	87	583	5	588	$15.40	$8.80	$3.60	287	9.48

GROUP X.—METALS AND THEIR MANUFACTURES.

Braziers	4	31	....	13	44	...	44	$26.00	.....	$5.40	300	9.20
Factories for iron cases, etc.	3	44	....	8	52	...	52	25.50	.....	9.90	250	10.
Nail factories	2	25	2	12	39	...	39	20.00	$7.20	6.00	300	10.
Nickel workshops	3	....	....	...	....	...	....	.....	.....	.....	...	....
Foundries	18	545	....	55	575	25	600	25.30	.....	4.75	295	9.50
Smithies and locksmiths	37	474	....	126	575	25	600	19.10	.....	6.10	294	9.50
Lamp, gas and tin factories	36	245	2	63	296	14	310	17.80	7.00	5.50	283	9.50
Jewellers and jewelry factories	15	82	14	9	89	16	105	26.55	15.35	7.60	295	9.25
Workshops for engraving	3	12	....	...	8	4	12	17.00	.....	.....	300	10.
Bedstead factories	5	140	....	20	156	4	160	21.00	.....	6.00	300	10.
Automobiles and bicycles	2	6	....	...	4	2	6	24.00	.....	.....	300	10.
Ammunition	1	8	12	...	12	8	20	.....	.....	.....	140	10.
Wire netting	1	10	....	...	10	...	10	7.50	.....	.....	300	10.
Total	130	1,622	30	306	1,860	98	1,958	$20.85	$9.85	$6.40	279	9.50

GROUP XI.—FURNITURE.

Furniture and upholstery	41	859	46	104	970	39	1,009	$22.25	$8.15	$5.60	265	9.40
Total	41	859	46	104	970	39	1,009	$22.25	$8.15	$5.60	265	9.40

GROUP XII.—PAPER AND PRINTED MATTER.

Binding and manufacture of blank books	20	107	17	52	174	2	176	$18.90	$9.00	$6.60	288	9.
Manufacture of paper bags	4	12	15	11	38	...	38	13.65	6.00	5.60	300	9.
Manufacture of envelopes	2	20	....	1	21	...	21	22.50	.....	10.00	275	8.
Photogravure	2	19	1	2	20	2	22	27.25	6.00	5.00	295	9.30
Printing offices	34	449	16	47	505	7	432	18.55	11.25	5.75	292	10.
Lithography	9	187	31	76	282	12	294	28.95	8.60	5.25	284	10.10
Playing cards	1	8	6	6	20	23	20	18.00	9.00	4.00	300	9.
Total	72	802	86	195	1,060	23	1,083	$20.10	$8.30	$6.00	290	9.15

GROUP XIII.—SKINS AND THEIR MANUFACTURES.

Tanneries	13	468	....	20	474	14	488	$12.40	.....	$6.90	294	9.40
Boot and shoe factories	17	918	463	39	1,409	11	1,420	21.30	$8.75	5.65	246	10.
Cord and rope factories	1	....	....	...	....	...	....	.....	.....	.....	...	....
Glove factories	1	1	10	2	12	1	13	15.00	10.00	.....	300	10.
Saddlery	18	137	2	13	149	3	152	17.70	15.00	4.60	269	9.55
Cobblers	84	1,124	367	21	1,482	30	1,512	19.20	10.90	4.10	281	10.40
Furriers	2	5	54	2	60	1	61	23.00	8.75	4.00	260	9.
Patent leather factories	1	4	2	1	2	5	7	21.00	12.00	4.20	300	9.30
Total	137	2,657	898	98	3,588	65	3,653	$18.50	$10.90	$4.90	278	9.50

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Industries.	No. of Establishments.	Hands Employed.						Weekly Salary.			Labor.	
		Men.	Women.	Boys.	Native.	Foreign.	Total.	Men.	Women.	Boys.	Days in Year.	Hours in Day.
Manufacture of powder	1	6	....	...	6	...	6	$10.20	.....	.....	180	10.
Manufacture of oils	6	66	7	4	77		77	20.25	$5.85	$4.50	300	10.
Manufacture of starch	3	8	....	...	8		8	9.40	.....	.....	250	10.
Manufacture of fireworks	1	6	7	2	25		25	10.80	4.50	2.10	300	9
Manufacture of soap	7	26	4	...	29	1	30	15.00	9.00	.....	282	9.45
Manufacture of inks	3	9	11	5	25		25	18.00	5.80	5.80	300	10.
Manufacture of specifics	10	36	35	6	77		77	21.90	13.25	5.60	300	8.45
Manufacture of Quillay extract	1	4	....	...	4		4	10.50	.....	.....	300	10.30
Manufacture of glue	3	8	....	4	12	...	12	13.50	.....	6.00	250	10.15
Total	35	179	64	21	263	1	264	$13.25	$7.65	$4.80	273	9.45

GROUP XV.—TOBACCOS AND MANUFACTURES.

Cigar shops and cigarette factories	5	47	30	8	85	...	85	$15.60	$10.50	$5.10	300	10.20
Working of tobacco	5	57	70	2	129	...	129	15.20	10.50	3.00	280	10.
Total	10	104	100	10	214	...	214	$15.40	$10.50	$4.05	290	10.10

GROUP XVI.—VEHICLES AND EQUIPMENT FOR TRANSPORT.

Carriage works	39	670	....	28	670	28	698	$23.00	.....	$6.40	265	9.35
Cart and hand cart factories	4	67	....	...	67	...	67	24.00	.....	.....	300	9.15
Total	43	737	....	28	737	28	765	$23.50	.....	$6.40	282	9.25

GROUP XVII.—SUNDRY INDUSTRIES.

Ice factories	6	28	....	...	28	...	28	$16.00	.....	.....	135	13.
Cambuches	3	14	124	52	190	...	190	12.00	$7.85	$3.60	300	10.
Broom factories	3	26	1	8	35	...	35	13.50	4.20	4.50	300	9.40
Brush and swab factories	2	10	20	16	46	...	46	18.00	4.20	3.00	300	10.
Laundries	86	4	894	2	886	14	900	18.00	7.15	3.00	292	10.40
Dyeworks	5	6	15	1	20	2	22	12.00	8.00	....	300	8.30
Paint shops	2	19	....	2	16	5	21	15.00	.....	6.00	300	10.
Tapas Corona	2	29	62	...	91	...	91	19.50	9.00	.....	300	10
Orthopedic apparatus and bandages	1	2	....	...	1	1	2	.....	.....	.....	300	10.
Feather dusters	1	5	3	4	11	1	12	18.00	4.20	4.20	300	10.
Billiard factories	2	18	....	..	18	...	18	27.00	.....	.....	225	8.30
Frigorifics	1	....	....	..	....	....	....	.....	.....	.....	...	....
Matting factories	1	4	....	..	4	...	4	12.00	.....	.....	200	10.
Organ factories	1	4	....	1	4	1	5	24.00	.....	9.00	...	....
Enamel factories	1	1	....	3	4	...	4	.....	.....	4.20	300	10.
Plaster statue factories	2	19	....	..	11	8	19	.....	.....	.....	300	11.15
Mirror factories	2	60	....	4	62	2	64	15.85	.....	3.60	295	10.
Vitraux factories	1	20	....	...	19	1	20	12.50	.....	.....	290	10.
Piano factories	1	10	....	2	12	...	12	21.00	.....	6.00	300	10.
Springs	5	14	....	3	17	...	17	14.00	.....	9.00	275	10.30
Total	128	293	1,119	98	1,475	35	1,510	$16.80	$6.35	$5.10	278	9.35

GROUP I.—ALCOHOLS, BEVERAGES AND THEIR PREPARATIONS.

Industries.	No. of Establishments.	Motive Power.															
		Steam.		Gas.		Hydraulic.		Petrol.		Gas Pobre		Pitch.		Animal.		Electricity.	
		No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.
Distilleries	2	..	..	2	7	..	..	..	..	..	..	..	..	..	..	..	..
Gaseous beverages	9	3	90	5	110	1	9	..	..	..	..	..	..	..	..	7	44½
Beers	3	3	206	..	..	3	400	..	..	..	..	..	..	..	..	3	120
Liquors	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	23	6	296	7	117	4	409	..	..	..	..	..	..	..	..	10	164½

GROUP II.—POTTERY, CERAMIC AND GLASSWARE.

Glass factories	2	..	..	2	26	..	..	..	..	..	..	..	..	..	..	..	..
Black and white porcelain	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	5	..	..	2	26	..	..	..	..	..	..	..	..	..	..	..	..

GROUP III.—ALIMENTARIES AND THEIR PREPARATIONS.

Confectionery	7	..	..	2	24	..	..	..	..	..	..	..	..	..	..	1	..
Chocolate	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	7½
Vermicelli	8	..	..	6	68	1	10	..	..	..	..	..	..	2	4	1	7½
Biscuits	7	1	20	5	103	1	10	..	..	1	13	..	..	..	..	..	..
Bakeries	59	2	11	34	264½	1	10	1	9	..	..	..	..	1	2	24	153
Vinegar	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mills	13	..	..	1	40	16	894	..	..	1	80	..	..	..	..	..	..
Coffee roasters	2	..	..	1	9	..	..	..	..	..	..	..	..	..	..	1	15
Salt refiners	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	10
Preserves	3	2	14	1	4	..	..	..	..	..	..	..	..	..	..	..	..
Fat refiners	4	1	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	107	6	52	50	512½	19	924	1	9	2	93	..	..	3	6	29	193

GROUP IV.—ILLUMINATION, HEATING AND COMBUSTIBLES.

Candle factories	7	..	..	1	5	..	..	..	..	..	..	..	..	..	..	..	..
Gas factories	1	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	8	7	..	1	5	..	..	..	..	..	..	..	..	..	..	..	..

GROUP V.—SHIPYARDS.

At Santiago there are no such establishments.

GROUP VI.—CLOTHING AND MANUFACTURED GOODS.

Fashions	48		..	..	..	..	..									2	84½
Tents			..	..	..	..	..									..	..
Shirts	12		..	2	33	..	..									1	13
Mattresses	3		..	..	..	..	..									..	..
Artificial flowers	5		..	..	..	..	..									..	..
Cap factories	3		..	..	..	..	..									..	..
Tailoring	95		..	3	36½	..	..									1	4
Hat factories	14	1	30	1	2	1	25			1						5	17½
Travelling bags, etc.	5		..	1	3	..	..									..	..
Sandals	5		..	1	8	1	8									..	..
Waterproofs	2		..	..	..	..	..									..	..
Corsets	5		..	2	15	1	4½									..	..
Total	198	1	30	10	97½	3	37½	..	..	1	..	..	..	..	..	9	119

GROUP VII.—WOODS AND THEIR MANUFACTURES.

Industries.	No. of Establishments.	Motive Power.															
		Steam.		Gas.		Hydraulic.		Petrol.		Gas Pobre		Pitch.		Animal.		Electricity.	
		No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.
Carpenter shops	33	3	39	9	60	..	..	..	..	..	..	..	..	1	1	1	27½
Frame factories	10	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..
Engraving	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Saw mills and factories for elaborating wood	25	20	695	4	106	..	..	..	..	..	..	..	..	..	..	4	28½
Coopering	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Turnery	3	1	10	2	6	..	..	..	..	..	..	..	..	..	..	..	..
Coffin factories	9	..	..	2	6½	..	..	..	..	..	..	..	..	..	..	..	..
Wood parquets	1	1	14	1	11	..	..	..	..	..	..	..	..	..	..	..	..
Total	87	25	758	19	191½	..	..	..	..	..	..	..	..	1	1	11	56

GROUP VIII.—MATERIALS FOR CONSTRUCTION.

Quarries	5	1	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Brick factories	4	1	16	..	..	..	..	..	..	..	..	..	..	5	5	..	..
Marbles and artificial stone	6	..	..	2	35	..	..	..	..	..	..	..	..	..	..	..	..
Cement articles	2	..	..	..	..	1	60	1	16	..	..	..	..	..	..	..	..
Elaboration of plaster	2	1	4	..	..	1	12	..	..	..	..	..	..	..	..	1	10
Total	19	3	28	2	35	2	72	1	16	..	..	..	..	5	5	1	10

GROUP IX.—TEXTILE MATERIALS.

Furniture passementeries	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cloth fabrics	1	1	50	..	..	1	5	..	..	..	..	..	..	..	..	..	..
Woven fabrics	5	..	..	2	49	1	14	..	..	..	..	..	..	..	..	3	8
Accoutrements	1	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..
Total	8	1	50	2	49	2	19	..	..	..	..	..	..	1	2	3	8

GROUP X.—METALS AND THEIR MANUFACTURES.

Braziers	4	..	..	1	12	..	..	..	..	..	..	..	..	..	..	..	..
Factories for iron cases, etc	3	..	..	2	21	..	..	..	..	..	..	..	..	..	..	1	5
Nail factories	2	..	..	2	18	2	52	..	..	..	..	..	..	..	..	..	..
Nickel work shops	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4
Foundries	18	1	8	10	122½	3	36	1	8	..	..	..	..	..	..	2	10½
Smithies and locksmiths	37	..	..	14	123	..	..	1	4	..	..	..	..	..	..	14	46½
Lamp, gas and tin factories	36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jewellers and jewelry factories	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Engraving workshops	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	4½
Bedstead factories	5	..	..	3	26	..	..	..	..	..	..	..	..	..	..	..	..
Automobiles and bicycles	2	..	..	2	14	..	..	..	..	..	..	..	..	..	..	..	..
Ammunition	1	..	..	1	6	..	..	..	..	..	..	..	..	..	..	..	..
Wire netting	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	1	8	35	342½	5	88	2	12	..	..	..	..	..	..	20	70½

GROUP XI.—FURNITURE.

Furniture and upholstery	41	3	36	8	69½	..	..	..	..	..	..	..	..	..	..	3	10
Total	41	3	36	8	69½	..	..	..	..	..	..	..	..	..	..	3	10

GROUP XII.—PAPER AND PRINTED MATTER.

Industries.	No. of Establishments.	Motive Power.															
		Steam.		Gas.		Hydraulic.		Petrol.		Gas Pobre		Pitch.		Animal.		Electricity.	
		No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.
Binding and making blank books	20	..	..	1	6	..	..									..	..
Manufacture of paper bags	4	..	..	2	5	..	..									..	..
Manufacture of envelopes.	2	..	..	..	..	..	..									..	..
Photogravure	2	..	..	..	..	..	..									6	7
Printing offices	34	..	..	13	108½	..	..									63	185
Lithography	9	..	..	5	47	..	..			1	20					7	20½
Playing cards		..	..	..	..	..	..									1	4
Total	72	..	..	21	166½	..	..	..	..	1	20	..	..	..	..	77	216½

GROUP XIII.—SKINS AND THEIR MANUFACTURES.

Tanneries	3	..	..	10	150	..	..			1	100					..	..
Boot and shoe factories	17	..	..	3	49	..	..				..					8	37
Cord and rope factories	1	..	..	..	..	..	..				..					..	..
Glove factories	1	..	..	..	..	..	..				..					..	..
Saddlery	18	..	..	2	4	..	..				..					1	5
Cobblers	84	..	..	..	..	..	..				..					..	..
Furriers	2	..	..	..	..	..	..				..					..	..
Patent leather factories	1	..	..	..	..	..	..				..					..	..
Total	137	..	..	15	203	..	..	..	..	..	..	..	..	..	..	9	42

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of powder	1	..	..	..	..	1	5	..	..	..	..	..	..	..	..	..	..
Manufacture of oils	6	1	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manufacture of starch	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manufacture of fireworks.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manufacture of soap	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manufacture of inks	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manufacture of specifics	10	2	6	1	4	..	..	..	..	..	..	..	..	..	..	1	2
Manufacture of quillay extract	1	1	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manufacture of glue	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	35	4	20	1	4	1	5	..	..	..	..	..	..	..	..	1	2

GROUP XV.—TOBACCOS AND MANUFACTURES.

Cigar shops and cigarette factories	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Working tobaccos	5	1	8	4	28	..	..	..	..	..	..	..	..	..	..	..	..
Total	10	1	8	4	28	..	..	..	..	..	..	..	..	..	..	..	..

GROUP XVI.—VEHICLES AND EQUIPMENT FOR TRANSPORT.

Carriage works	39	2	11	4	42½	..	..	..	..	..	..	..	..	..	..	9	48
Factories for carts, etc.	4	1	6	1	15	..	..	..	..	..	..	..	..	..	..	..	..
Total	43	3	17	5	57½	..	..	..	..	..	..	..	..	..	..	9	48

GROUP XVII.—SUNDRY INDUSTRIES.

Industries.	No. of Establishments.	Motive Power.															
		Steam.		Gas.		Hydraulic.		Petrol.		Gas Pobre		Pitch.		Animal.		Electricity.	
		No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.
Ice factories	6	1	40	1	30	5	224	..	..	..	..	..	..	..	..	..	..
Cambuches	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Broom factories	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Brush and swab factories	2	..	..	2	17	..	..	..	..	..	..	..	..	..	..	..	..
Laundries	86	2	9	..	..	..	..	..	..	..	..	..	..	1	4	3	11
Dyeworks	5	1	4½	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Paint shops	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tapas corona	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	15
Orthopedic apparatus and bandages		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Feather dusters	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Billiard factories	2	..	..	1	4	..	..	..	..	..	..	..	..	..	..	..	..
Frigorifics	1	..	..	..	..	1	60	..	..	..	..	..	..	..	..	..	..
Matting factories	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Organ factories	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enamel factories		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plaster statue factories	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mirror factories	2	..	..	..	..	1	34	..	..	1	2	..	..	..	..	..	..
Vitraux factories		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Piano factories	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Springs factories	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	128	4	53½	4	51	7	318	..	..	1	2	..	..	1	4	5	26

GROUP I.—ALCOHOLS, BEVERAGES AND THEIR PREPARATIONS.

Industries.	No. of Establishments.	Machines.			Boilers.		Combustibles.	
		Mechanic Force.	Hand.	Tr'dle	No.	Horse.	Species.	Value.
Distilleries	2	3	6	...	1	12	Coal	$450
Gaseous beverages	9	32	5	2	6	260	Coal and gas	70,605
Beers	3	15	2	...	5	406	Coal	40,300
Liquors	9	4	...	1	1	7	Coke	480
Total	23	54	13	3	13	685	Coal, coke and gas.	$111,835

GROUP II.—POTTERY, CERAMIC AND GLASSWARE.

Glass factories	2	...	3	2	...	...	Coal	.....
Black and white porcelain	3	...	6	2	...	...	.....	.....
Total	5	...	9	4	...	...	Coal	.....

GROUP III.—ALIMENTARIES AND THEIR PREPARATIONS.

Confectionery	7	22	21	...	...	...	Coal and firewood.	$6,450
Chocolate	2	...	...	...	...	...	.....	.....
Vermicelli	8	44	2	...	2	41	Coal	675

GROUP III.—ALIMENTARIES AND THEIR PREPARATIONS—Continued.

Industries.	No. of Establishments.	Machines.			Boilers.		Combustibles.	
		Mechanic Force.	Hand.	Tr'dle	No.	Horse.	Species.	Value.
Biscuits	7	65	13	...	2	70	Coke and coal	$8,760
Bakeries	59	95	15	1	1	1	Wood and coal	13,580
Vinegar	1	...	...	...	...	...	.....	.....
Mills	13	390	2	...	...	...	.....	.....
Coffee roasters	2	7	1	...	...	...	.....	.....
Salt refiners	1	14	...	...	...	...	.....	.....
Preserves	3	16	18	...	3	105	Coal	5,000
Fat refiners	4	...	...	...	1	12	Coal	5,000
Total	107	653	72	1	9	229	Coal, wood and coke	$39,467

GROUP IV.—ILLUMINATION, HEATING AND COMBUSTIBLES.

Candle factories	7	...	...	...	...	...	.....	.....
Gas factories	1	...	4	...	...	...	.....	.....
Total	8	...	4	...	...	...	.....	.....

GROUP V.—SHIPYARDS, ETC.

At Santiago there are no such establishments.

GROUP VI.—CLOTHING AND MANUFACTURED GOODS.

Fashions	48	...	53	45	...	...	.....	.....
Tents	1	...	...	...	...	...	.....	.....
Shirts	12	168	20	68	2	28	Coal	$7,108
Mattresses	3	...	20	1	...	...	.....	.....
Artificial flowers	5	...	13	...	...	...	.....	.....
Cap factories	3	...	1	11	...	...	.....	.....
Tailoring	95	473	4	95	...	...	.....	.....
Hat factories	14	65	60	36	3	32½	Coal	10,190
Travelling bags, etc.	5	5	20	11	...	...	.....	.....
Sandals	5	35	3	20	...	...	.....	.....
Waterproofs	2	...	3	23	...	...	.....	.....
Corsets	5	180	20	5	...	...	.....	.....
Total	198	926	217	315	5	60½	Coal	$17,298

GROUP VII.—WOODS AND THEIR MANUFACTURES.

Carpenter shops	33	37	11	1	...	...	.....	.....
Frame factories	10	6	9	...	...	...	.....	.....
Engravings	1	...	...	...	...	...	.....	.....
Sawmills and factories for elaborating wood	25	253	2	...	11	486	.....	.....
Coopering	5	...	1	...	...	...	.....	.....
Turnery	3	33	...	1	...	...	.....	.....
Coffin factories	9	6	5	...	...	...	.....	.....
Wood parquets	1	26	...	...	1	16	.....	.....
Total	87	361	28	2	12	502	.....	.....

GROUP VIII.—MATERIALS FOR CONSTRUCTION.

Industries.	No. of Establishments.	Machines.			Boilers.		Combustibles.	
		Mechanic Force.	Hand.	Tr'dle	No.	Horse.	Species.	Value.
Quarries	5	1	...	...	...	...	.....	.....
Brick factories	4	1	...	...	...	...	Coal	$8,400
Marbles and artificial stones	6	18	2	...	...	...	.....	.....
Cement articles	2	5	30	...	...	...	.....	.....
Elaboration of plaster	2	2	...	...	1	4	Coal	4,500
Total	19	27	32	...	1	4	Coal	$12,900

GROUP IX.—TEXTILE MATERIALS.

Furniture and passementerie	1	...	11	5	...	...	.....	.....
Cloth fabrics	1	75	20	...	2	75	Coal	$18,000
Woven fabrics	5	433	12	...	...	...	Coal	7,500
Accoutrements	1	...	...	...	...	...	.....	.....
Total	8	508	43	5	2	75	Coal	$25,500

GROUP X.—METALS AND THEIR MANUFACTURES.

Braziers	4	5	11	1	...	...	Coal	$780
Factories for iron cases, etc.	3	12	4	...	...	...	Coal	750
Nail factories	2	46	...	...	...	...	.....	.....
Nickel workshops	3	...	...	...	...	...	.....	.....
Foundries	18	330	42	...	...	...	Gas, coal and petrol.	6,920
Smithies and locksmiths	37	118	143	8	...	...	Gas and coal	7,144
Lamp, gas and tin factories	36	...	85	1	...	...	Coal	4,391
Jewellers and jewelry factories	15	...	34	7	...	...	.....	.....
Engraving workshops	3	2	9	1	...	...	.....	.....
Bedstead factories	5	14	4	...	...	...	.....	.....
Automobiles and bicycles	2	6	...	...	...	...	.....	.....
Ammunition	1	...	...	...	...	...	.....	.....
Wire netting	1	...	5	...	...	...	.....	.....
Total	130	533	337	18	...	...	.....	$19,985

GROUP XI.—FURNITURE.

Furniture and upholstery	41	96	7	7	...	...	.....	.....
Total	41	96	7	7	...	...	.....	.....

GROUP XII.—PAPER AND PRINTED MATTER.

Binding and manufacture of blank books	20	4	108	5	...	...	.....	.....
Manufacture of paper bags	4	4	2	5	...	...	.....	.....
Manufacture of envelopes	2	1	...	21	...	...	.....	.....

GROUP XII.—PAPER AND PRINTED MATTER—Continued.

Industries.	No. of Establishments.	Machines.			Boilers.		Combustibles.	
		Mechanic Force.	Hand.	Treadle	No.	Horse.	Species.	Value.
Photogravure	2	11	4	...	...	...	.....	.....
Printing offices	34	64	47	56	...	...	.....	.....
Lithography	9	10	20	4	...	...	.....	.....
Playing cards	1	2	6	...	...	...	.....	.....
Total	72	96	187	91	...	...	.....	.....

GROUP XIII.—SKINS AND THEIR MANUFACTURES.

Tanneries	13	107	3	...	1	15	.....	.....
Boot and shoe factories	17	116	3	24	1	30	.....	.....
Cord and rope factories	1	...	...	...	...	...	.....	.....
Glove factories	1	...	1	12	...	...	.....	.....
Saddlery	18	8	11	10	...	...	.....	.....
Cobblers	84	...	14	45	...	...	.....	.....
Furriers	2	...	...	...	...	...	.....	.....
Patent leather factories	1	...	...	...	...	...	Firewood	$2,268
Total	137	231	32	91	2	45	.....	$2,268

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of powder	1	...	...	...	...	...	.....	.....
Manufacture of oils	6	28	5	6	1	5	Firewood	$1,020
Manufacture of starch	3	...	3	...	...	...	.....	.....
Manufacture of fireworks	1	...	4	1	...	...	.....	.....
Manufacture of soap	7	...	5	...	...	...	.....	.....
Manufacture of inks	3	...	6	3	...	...	.....	.....
Manufacture of specifics	10	...	26	...	4	6	Coke	4,050
Manufacture of quillay extracts	1	24	...	...	...	...	.....	.....
Manufacture of glue	3	5	...	...	...	...	Firewood	1,600
Total	35	57	49	10	5	11	.....	$6,670

GROUP XV.—TOBACCOS AND MANUFACTURES.

Cigar shops and cigarette factories	5	...	9	...	...	...	.....	.....
Working tobaccos	5	22	38	...	...	...	.....	.....
Total	10	22	47	...	...	...	.....	.....

GROUP XVI.—VEHICLES AND EQUIPMENT FOR TRANSPORT.

Carriage works	39	26	125	...	...	...	Coke and coal	$8,684
Factories for carts, etc.	4	17	...	...	...	...	.....	.....
Total	43	43	125	...	...	...	.....	$8,684

GROUP XVII.—SUNDRY INDUSTRIES.

Industries.	No. of Establishments.	Machines.			Boilers.		Combustibles.	
		Mechanic Force.	Hand.	Tr'dle	No.	Horse.	Species.	Value.
Ice factories	6	6	...	...	...	...	...	...
Cambuches	3	...	92	8	...	...	...	...
Broom factories	3	...	28	...	...	...	...	...
Swab factories	2	13	10	4	...	...	Coal	$720
Laundries	86	...	20	...	2	4	Coal	27,319
Dyeworks	5	2	6	1	1	4½	Coal	2,966
Paint shops	2	...	...	...	...	...	...	...
Tapas corona	2	18	8	17	...	...	...	...
Orthopedic apparatus and bandages	1	...	...	...	...	...	...	...
Feather dusters	1	...	...	...	...	...	...	...
Billiard factories	2	5	2	2	...	...	...	...
Frigorifics	1	...	...	...	...	...	...	...
Matting factories	1	...	...	...	...	...	...	...
Organ factories	1	...	...	...	...	...	...	...
Enamel factories	1	...	...	...	...	...	...	...
Plaster statue factories	2	...	...	...	...	...	...	...
Mirror factories	2	21	...	...	...	...	...	...
Vitraux factories	1	...	...	...	...	...	...	...
Piano factories	1	...	4	2	...	...	...	...
Spring factories	5	...	6	...	...	...	...	...
Total	128	65	178	34	3	8½	...	$30,005

RESUME OF STATISTICS OF INDUSTRIES IN THE DEPARTMENT OF SANTIAGO.

Groups of Industries.	No. of Establishments.	Capital.			
		Property.	Machinery.	Working Capital.	Total.
I. Alcohols, beverages and their preparations	23	$1,156,500	$2,101,800	$860,000	$4,887,067
II. Pottery, ceramic and glassware	5	3,000,000	609,500	109,000	1,018,500
III. Alimentaries and their preparations.	107	1,627,550	1,596,590	3,625,780	6,999,920
IV. Illumination, heating and combustibles	8	767,500	1,309,000	1,445,000	3,521,500
V. Shipyards, etc	....	.....	.....	.....	.....
VI. Clothing, etc	198	608,041	636,273	5,592,400	6,836,793
VII. Woods and their manufactures	87	1,097,769	748,936	3,240,114	5,089,319
VIII. Materials for construction	19	686,550	721,825	725,030	2,113,405
IX. Textile materials	8	120,000	196,000	937,000	1,653,000
X. Metals and their manufactures	130	1,066,734	1,105,360	2,705,836	4,910,180
XI. Furniture	41	352,000	105,220	1,064,250	1,421,470
XII. Paper and printed matters	72	114,000	917,250	836,200	2,282,450
XIII. Skins and their manufactures	137	468,000	527,180	7,060,750	8,405,430
XIV. Pharmaceutical and chemical products	35	413,000	162,000	463,000	1,038,000
XV. Tobaccos	10	124,000	87,700	315,000	538,700
XVI. Vehicles	43	540,000	244,000	863,000	1,647,000
XVII. Sundry industries	128	757,975	595,124	730,589	2,093,688
Total	1,051	$10,199,619	$11,663,757	$30,573,029	$54,476,422

INDUSTRIES IN THE DEPARTMENT OF SANTIAGO—Continued.

Groups of Industries.	No. of Establishments.	Production.		Raw Materials.	
		During Year.	Average.	National.	Foreign.
I. Alcohols, beverages and their preparations	23	$9,053,700	$6,723,200	$2,416,560	$1,691,400
II. Pottery, ceramic and glassware	5	1,256,000	946,000	786,500	10,000
III. Alimentaries and preparations	107	20,097,787	17,627,479	12,213,471	278,765
IV. Illumination, heating and combustibles	8	3,140,000	2,640,000	64,000	942,982
V. Shipyards, etc.	....	....	....	....	....
VI. Clothing, etc.	198	14,040,498	12,307,032	502,671	5,062,171
VII. Woods and their manufactures	87	5,700,164	4,867,350	2,434,940	363,260
VIII. Materials for construction	19	1,582,800	1,510,800	159,092	421,600
IX. Textile materials	8	1,517,200	1,449,000	147,000	801,000
X. Metals and their manufactures	130	6,395,080	4,973,320	315,953	1,775,665
XI. Furniture	41	2,590,000	2,279,150	347,646	393,490
XII. Papers and printed matters	72	2,692,100	2,435,200	62,500	476,240
XIII. Skins and their manufactures	137	10,441,600	9,608,700	4,118,822	1,514,324
XIV. Pharmaceutical and chemical products	35	2,147,900	1,568,500	241,700	267,800
XV. Tobaccos	10	745,000	631,800	201,500	35,400
XVI. Vehicles, etc.	43	2,103,200	1,847,300	129,400	492,780
XVII. Sundry industries	128	2,536,470	1,994,490	150,939	385,155
Total	1,051	$86,039,499	$83,409,321	$23,692,694	$14,912,072

Groups of Industries.	No of Establishments.	Hands Employed.						Weekly Salary.			Labor.	
		Men.	Women.	Boys.	Native.	Foreign.	Total.	Men.	Women.	Boys.	Days in Year.	Hours in Day.
I. Alcohols, beverages, etc.	23	919	453	200	1,307	265	1,572	$17.35	$6.25	$6.15	280	10.30
II. Pottery, ceramic and glassware	5	301	80	150	531	...	531	22.50	4.00	4.80	291	9.50
III. Alimentaries and preparations	107	1,565	641	199	2,310	95	2,405	15.95	7.10	6.50	295	11.15
IV. Illumination, heating and combustibles	8	281	....	3	284	...	284	15.35	....	6.00	300	9.00
V. Shipyards, etc.	....	....	....	....	....	....	....	....	....	....	....	....
VI. Clothing, etc.	198	1,108	4,897	115	5,906	214	6,120	21.75	11.15	4.90	296	9.30
VII. Woods and manufactures	87	1,290	9	196	1,452	43	1,495	22.80	10.50	7.10	286	9.35
VIII. Materials for construction	19	846	2	24	837	35	872	18.90	6.00	5.55	289	9.55
IX. Textile materials	8	116	385	87	583	5	588	15.40	8.80	3.60	287	9.48
X. Metals and manufactures	130	1,622	30	306	1,860	98	1,958	20.85	9.85	6.40	279	9.50
XI. Furniture	41	859	46	104	970	39	1,009	22.25	8.15	5.60	265	9.40
XII. Paper and printed matters	72	802	86	195	1,060	23	1,083	20.10	8.30	6.00	290	9.15
XIII. Skins and manufactures	137	2,657	898	98	3,588	65	3,653	18.50	10.90	4.90	278	9.50
XIV. Pharmaceutical and chemical products	35	179	64	21	263	1	264	13.25	7.65	4.80	273	9.45
XV. Tobaccos	10	104	100	10	214	...	214	15.40	10.50	4.05	290	10.10
XVI. Vehicles, etc.	43	737	....	28	737	28	765	23.50	....	6.40	282	9.25
XVII. Sundry industries	128	293	1,119	98	1,475	35	1,510	16.80	6.35	5.10	278	9.35
Total	1,051	13,679	8,810	1,834	23,377	946	24,323	$18.75	$8.25	$5.50	285	9.48

INDUSTRIES IN THE DEPARTMENT OF SANTIAGO—Continued.

Groups of Industries.	No. of Establishments.	Machines.			Boilers.		Combustibles.	
		Mechanic Force.	Hand.	Tr'dle.	No.	Horse.	Species.	Value.
1. Alcohols and beverages	23	54	13	3	13	685	Coke and gas..	$111,835
2. Pottery, ceramic and glassware	5	....	9	4	..	....	.....	.....
3. Alimentaries and preparations	107	653	72	1	9	229	.....	39,467
4. Illumination, heating and combustibles.	8	....	4	....	..	....	.....	.....
5. Shipyards, etc.	....	....	....	....	..	....	.....	.....
6. Clothing and manufactures	198	926	217	315	5	60½	Coal	17,298
7. Woods and manufactures	87	361	28	2	12	502	.....	.....
8. Materials for construction	19	27	32	....	1	4	Coal	12,900
9. Textile materials....	8	508	43	5	2	75	Coal	25,500
10. Metals and manufactures	130	533	337	18	..	....	Coal and gas...	19,985
11. Furniture	41	96	7	7	..	....	.....	.....
12. Paper and printed matter	72	96	187	91	..	....	.....	.....
13. Skins and manufactures	137	231	32	91	2	45	Firewood	2,262
14. Pharmaceutical and chemical products.	35	57	49	10	5	11	Firewood & coke	6,670
15. Tobaccos, etc.	10	22	47	....	..	....	.....	.....
16. Vehicles, etc.	43	43	125	....	..	....	Coal and coke..	8,684
17. Sundry industries...	128	65	178	34	3	8½	Coal	30,005
Total	1,051	3,672	1,380	581	52	1,620	.....	$274,606

RESUME OF STATISTICS OF INDUSTRIES IN THE DEPARTMENT OF VICTORIA.

GROUP III.—ALIMENTARY PRODUCTS AND THEIR PREPARATION.

Industries.	No. of Establishments.	Capital.			
		Property.	Machinery.	Working Capital.	Total.
Mills	1	$60,000	$40,000	$100,000	$200,000
Bakeries	6	33,000	7,800	56,000	96,800
Total	7	$93,000	$47,800	$156,000	$296,800

GROUP IX.—TEXTILE MATERIALS.

Factories for woven and knitted goods	2	$340,000	$428,000	$925,000	$1,693,000
Total	2	$340,000	$428,000	$925,000	$1,693,000

GROUP X.—METALS AND MANUFACTURES.

Iron works	1	.....	$1,200	$500	$1,700
Total	1	.....	$1,200	$500	$1,700

GROUP XII.—PAPER AND PRINTED MATTER.

Manufacture of paper and cardboard	1	.....	.....	.....	$600,000
Total	1	.....	.....	.....	$600,000

GROUP XIII.—SKINS AND MANUFACTURES.

Saddlery	1	.....	$150	$250	$400
Total	1	.....	$150	$250	$400

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of powder	1	.....	$270,000	$100,000	$370,000
Manufacture of starch	1	.....	500	4,000	4,500
Total	2	.....	$270,500	$104,000	$374,500

GROUP XVI.—VEHICLES AND MATERIALS FOR TRANSPORT.

Manufacture of carts	2	$13,000	$1,300	$1,000	$15,300
Total	2	$13,000	$1,300	$1,000	$15,300

GROUP XVII.—DIVERS INDUSTRIES.

Basket factories	1	.....	.....	$3,000	$3,000
Brush factories	1	.....	$400	6,000	6,400
Total	2	.....	$400	$9,000	$9,400

INDUSTRIAL STATISTICS OF THE DEPARTMENT OF VICTORIA IN 1906.

GROUP III.—ALIMENTARIES AND PREPARATIONS.

Industries.	No. of Establishments.	Production.		Raw Materials.	
		During Year.	Average.	National.	Foreign.
Mills	1	$600,000	$600,000	$500,000	.....
Bakeries	6	599,100	559,100	436,100	.....
Total	7	$1,199,100	$1,159,100	$936,100	.....

GROUP IX.—TEXTILE MATERIALS.

Manufacture of knitted goods	2	$1,018,000	$1,015,000	.....	$407,000
Total	2	$1,018,000	$1,015,000	.....	$407,000

GROUP X.—METALS AND MANUFACTURES.

Ironworks	1	$7,000	$6,500	.....	$1,600
Total	1	$7,000	$6,500	.....	$1,600

GROUP XII.—PAPER AND PRINTED MATTER.

Manufacture of paper and cardboard	1	$1,000,000	$1,000,000	$150,000	$150,000
Total	1	$1,000,000	$1,000,000	$150,000	$150,000

GROUP XIII.—SKINS AND MANUFACTURES.

Saddlery	1	$1,500	$1,500	$700	.....
Total	1	$1,500	$1,500	$700	.....

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of powder	1	$200,000	$200,000	$40,000	$20,000
Manufacture of starch	1	10,000	8,000	6,000	.....
Total	2	$210,000	$208,000	$46,000	$20,000

GROUP XVI.—VEHICLES AND MATERIALS FOR TRANSPORT.

Manufacture of carts	2	$6,000	$5,500	.....	.....
Total	2	$6,000	$5,500	.....	.....

GROUP XVII.—SUNDRY INDUSTRIES.

Manufacture of baskets	1	$8,000	$8,000	$3,000	.....
Manufacture of brushes	1	16,000	15,000	9,800	.....
Total	2	$24,000	$23,000	$12,800	.....

GROUP III.—ALIMENTARY PRODUCTS AND PREPARATIONS.

Industries.	No. of Establishments.	Hands Employed.						Weekly Salary.			Labor.	
		Men.	Women.	Boys.	Native.	Foreign.	Total.	Men.	Women.	Boys.	Days in Year.	Hours in Day.
Mills	1	6	...	...	6	...	6	$12.00	....	....	260	24.
Bakeries	6	58	3	2	63	...	63	18.85	4.90	2.80	361	8.50
Total	7	64	3	2	69	...	69	$15.40	$4.90	$2.80	310	16.25

GROUP IX.—TEXTILE MATERIALS.

Manufacture of knitted goods	2	60	305	2	359	8	367	$10.80	$7.50	$4.80	275	9.30
Total	2	60	305	2	359	8	367	$10.80	$7.50	$4.80	275	9.30

GROUP X.—METALS AND THEIR MANUFACTURE.

Ironworks	1	5	...	...	5	...	5	$12.00	....	....	300	10.
Total	1	5	...	...	5	...	5	$12.00	....	....	300	10.

GROUP XII.—PAPER AND PRINTED MATTER.

Manufacture of paper and cardboard	1	150	30	...	160	20	180	$30.00	$18.00	....	310	24.
Total	1	150	30	...	160	20	180	$30.00	$18.00	....	310	24.

GROUP XIII.—SKINS AND MANUFACTURES.

Saddlery	1	3	...	...	3	...	3	$7.80	....	....	250	10.
Total	1	3	...	...	3	...	3	$7.80	....	....	250	10.

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of powder	1	70	...	...	60	10	70	....	....	....	300	10.
Manufacture of starch	1	3	...	...	3	...	3	$4.80	....	....	180	10.
Total	2	73	.		63	10	73	$4.80			240	10.

GROUP XVI.—VEHICLES AND MATERIALS FOR TRANSPORT.

Manufacture of carts	2	9	...	...	9	...	9	$19.50	....	....	190	10.
Total	2	9	...	...	9	...	9	$19.50	....	....	190	10.

GROUP XVII.—DIVERS INDUSTRIES.

Manufacture of baskets	1	5	...	...	5	...	5	$12.00	....	....	280	10.
Manufacture of brushes	1	5	...	...	5	...	5	$12.60	....	....	200	10.
Total	2	10	...	...	10	...	10	$12.30	....	....	240	10.

INDUSTRIAL STATISTICS OF THE DEPARTMENT OF VICTORIA IN 1906.

GROUP III.—ALIMENTARY PRODUCTS AND PREPARATIONS.

Industries.	No. of Establishments.	Motive Power.															
		Steam.		Gas.		Water.		Petrol.		Gas. Pobre.		Pitch.		Animal.		Electricity.	
		No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.
Mills	1	...	...	...	...	1	70	...	...	...	...	...	...	...	...	...	...
Bakeries	6	1	5	...	...	1	3	...	...	...	...	...	...	2	8	...	...
Total	7	1	5	...	...	2	73	...	...	...	...	...	...	2	8	...	...

GROUP IX.—TEXTILE MATERIALS.

Knitted goods	2	...	...	...	...	2	80	...	...	...	...	...	...	1	2	...	...
Total	2	...	...	...	...	2	80	...	...	...	...	...	...	1	2	...	...

GROUP X.—METALS AND MANUFACTURES.

Ironworks	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

GROUP XII.—PAPER AND PRINTED MATTER.

Paper and cardboard	1	...	...	...	...	2	200	...	...	...	...	...	...	...	...	...	...
Total	1	...	...	...	...	2	200	...	...	...	...	...	...	...	...	...	...

GROUP XIII.—SKINS AND MANUFACTURES.

Saddlery	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of powder	1	...	...	...	...	5	80	...	...	...	...	...	...	...	...	...	...
Manufacture of starch	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	2	...	...	...	...	5	80	...	...	...	...	...	...	...	...	...	...

GROUP XVI.—VEHICLES AND MATERIALS FOR TRANSPORT.

Manufacture of carts	2	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	2	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...

GROUP XVII.—DIVERS INDUSTRIES.

Manufacture of baskets	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manufacture of brushes	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

INDUSTRIAL STATISTICS OF THE DEPARTMENT OF VICTORIA IN 1906.

GROUP III.—ALIMENTARY PRODUCTS AND PREPARATIONS.

Industries.	No. of Establishments.	Machines.			Boilers.		Combustibles.	
		Mechanic Force.	Hand.	Tr'dle.	No.	Horse.	Species.	Value.
Mills	1	13	....	....	..	....	.....	.....
Bakeries	6	7	....	....	..	....	Firewood	$18,820
Total	7	20	....	....	..	....	.....	$18,820

GROUP IX.—TEXTILE MATERIALS.

Knitted goods	2	200	....	....	..	....	Coal	$432
Total	2	200	....	....	..	....	.....	$432

GROUP X.—METALS AND MANUFACTURES.

Ironworks	1	....	8	....	..	....	Coke	$900
Total	1	....	8	....	..	....	.....	$900

GROUP XII.—PAPER AND PRINTED MATTER.

Manufacture of paper and cardboard	1	12	....	....	..	....	.....	.....
Total	1	12	....	....	..	....	.....	.....

GROUP XIII.—SKINS AND MANUFACTURES.

Saddlery	1	....	....	1	..	....	.....	.....
Total	1	....	....	1	..	....	.....	.....

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of powder	1	....	....	....	..	....	.....	.....
Manufacture of starch	1	30	9	....	..	....	.....	.....
Total	2	30	9	....	..	....	.....	.....

GROUP XVI.—VEHICLES AND MATERIALS FOR TRANSPORT.

Manufacture of carts	2	2	1	....	..	....	.....	.....
Total	2	2	1	....	..	....	.....	.....

GROUP XVII.—DIVERS INDUSTRIES.

Manufacture of baskets	1	....	....	....	..	....	.....	.....
Manufacture of brushes	1	....	2	2	..	....	.....	.....
Total	2	....	2	2	..	....	.....	.....

RESUME OF THE INDUSTRIAL STATISTICS OF THE DEPARTMENT OF VICTORIA IN 1906.

Groups of Industries.	No. of Establishments.	Capital.			
		Property.	Machinery.	Working Capital.	Total.
3. Alimentaries and preparations	7	$93,000	$47,800	$156,000	$296,800
9. Textile materials	2	340,000	428,000	925,000	1,693,000
10. Metals and manufactures	1	.....	1,200	500	1,700
12. Paper and printed matter	1	.....	.....	.....	600,000
13. Skins and manufactures	1	.....	150	250	400
14. Pharmaceutical and chemical products	2	.....	270,500	104,000	374,500
16. Vehicles, etc.	2	13,000	1,300	1,000	15,300
17. Divers industries	2	.....	400	9,000	9,400
Total	18	$446,000	$749,350	$1,195,750	$2,991,100

Groups of Industries.	No. of Establishments.	Production.		Raw Materials.	
		During Year.	Average.	National.	Foreign.
3. Alimentaries and preparations	7	$1,199,100	$1,159,100	$936,100	.....
9. Textile materials	2	1,018,000	1,015,000	.....	$40,700
10. Metals and manufactures	1	7,000	6,500	.....	1,600
12. Paper and printed matter	1	1,000,000	1,000,000	150,000	150,000
13. Skins and manufactures	1	1,500	1,500	700	.....
14. Pharmaceutical and chemical products	2	21,000	208,000	46,000	20,000
16. Vehicles, etc.	2	6,000	5,500	.....	.....
17. Divers industries	2	24,000	23,000	12,800	.....
Total	18	$3,465,600	$3,418,600	$1,145,600	$578,600

Groups of Industries.	No. of Establishments.	Labor Employed.						Weekly Salary.			Labor.	
		Men.	Women.	Boys.	Native.	Foreign.	Total.	Men.	Women.	Boys.	Days in Year.	Hours in Day.
3. Alimentaries and preparations	7	64	3	2	69	...	69	$15.40	$4.90	$2.80	310	16.25
9. Textile materials	2	60	305	2	359	8	367	10.80	7.50	4.80	275	9.30
10. Metals and manufactures	1	5	...	..	5	...	5	12.00	....	....	300	10.
12. Paper and printed matter	1	150	30	..	160	20	180	30.00	18.00	....	310	24.
13. Skins and manufactures		3	...	..	3	...	3	7.81	....	....	250	10.
14. Pharmaceutical and chemical products	2	73	...	..	63	10	73	4.80	....	....	240	10.
16. Vehicles, etc.	2	9	...	..	9	...	9	19.50	....	....	190	10.
17. Divers industries	2	10	...	..	10	...	10	12.30	....	....	240	10.
Total	18	374	338	4	678	38	716	$14.70	$10.15	$3.80	264	12.30

RESUME OF THE INDUSTRIAL STATISTICS OF THE DEPARTMENT OF VICTORIA IN 1906.

Groups of Industries.	No. of Establishments.	Motive Power.															
		Steam.		Gas.		Water.		Petrol.		Gas. Pobre.		Pitch.		Animal.		Electricity.	
		No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.
3. Alimentaries and preparations	7	1	5	...	...	2	73	...	...	...	...	...	...	2	8	...	...
9. Textile materials	2	...	...	...	...	2	80	...	...	...	...	...	...	1	2	...	...
10. Metals and manufactures	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. Paper and printed matter	1	...	...	...	...	2	200	...	...	...	...	...	...	...	...	...	...
13. Skins and manufactures	1	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...
14. Pharmaceutical and chemical products	2	...	...	...	...	...	80	...	...	...	...	...	...	...	...	...	...
16. Vehicles, etc.	2	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Divers industries	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	18	2	9	...	...	11	433	...	...	...	...	...	...	3	10	...	...

RESUME OF THE INDUSTRIAL STATISTICS OF THE DEPARTMENT OF VICTORIA IN 1906.

Groups of Industries.	No. of Establishments.	Machines.			Boilers.		Combustibles.	
		Mechanic Force.	Hand.	Tr'dle.	No.	Horse.	Species.	Value.
3. Alimentaries and preparations	7	20	....	....	..	....	Wood	$18,820
9. Textile materials	2	200	....	....	..	....	Coal	432
10. Metals and manufactures	1	....	8	....	..	....	Coke	900
12. Paper and printed matter	1	12	....	....	..	....	.....	.....
13. Skins and manufactures	1	....	1	....	..	....	.....	.....
14. Pharmaceutical and chemical products.	2	30	9	....	..	....	.....	.....
16. Vehicles, etc.	2	2	1	....	..	....	.....	.....
17. Divers industries	2	....	2	2	..	....	.....	.....
Total	18	274	20	3	..	....	.....	$20,151

INDUSTRIAL STATISTICS OF THE DEPARTMENT OF MELIPILLA IN 1906.

GROUP I.—ALCOHOLS, BEVERAGES AND PREPARATIONS.

Industries.	No. of Establishments.	Capital.			
		Property.	Machinery.	Working Capital.	Total.
Manufacture of beer	1	$25,000	$20,000	$20,000	$65,000
Total	1	$25,000	$20,000	$20,000	$65,000

GROUP III.—ALIMENTARY PRODUCTS AND PREPARATIONS.

Mills	4	$250,000	$250,000	$867,000	$1,367,000
Bakeries	5	7,500	7,400	13,600	28,700
Total	9	$257,500	$257,400	$880,600	$1,395,000

GROUP VI.—CLOTHING AND MANUFACTURED GOODS.

Tailoring	1	.....	$150	$1,800	$1,950
Total	1	.....	$150	$1,800	$1,950

GROUP VII.—WOODS AND MANUFACTURES.

Elaboration of woods	1	$35,000	$20,000	$50,000	$105,000
Total	1	$35,000	$20,000	$50,000	$105,000

GROUP XII.—PAPER AND PRINTED MATTER.

Printing	1	.....	$200	$200	$400
Total	1	.....	$200	$200	$400

GROUP XIII.—SKINS AND MANUFACTURES.

Saddlery	1	.....	$200	$5,000	$5,200
Total	1	.....	$200	$5,000	$5,200

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of starch	1	$20,000	$3,000	.....	$23,000
Manufacture of soap	1	.....	.....	$15,000	$15,000
Total	2	$20,000	$3,000	$15,000	$38,000

GROUP XVI.—VEHICLES AND MATERIALS FOR TRANSPORT.

Carriage works	1	$4,000	$1,000	$2,000	$7,000
Total	1	$4,000	$1,000	$2,000	$7,000

INDUSTRIAL STATISTICS OF THE DEPARTMENT OF MELIPILLA IN 1906.

GROUP I.—ALCOHOLS, BEVERAGES AND PREPARATIONS.

Groups of Industries.	No. of Establishments.	Production.		Raw Materials.	
		During Year.	Average.	National.	Foreign.
Manufacture of beer	1	$100,000	$45,000	$15,000	$15,000
Total	1	$100,000	$45,000	$15,000	$15,000

GROUP III.—ALIMENTARY PRODUCTS AND PREPARATIONS.

Mills	4	$2,150,000	$1,800,000	$1,890,000	.....
Bakeries	5	208,000	199,600	148,800	.....
Total	9	$2,358,000	$1,999,600	$1,038,800	.....

GROUP VI.—CLOTHING AND MANUFACTURED GOODS.

Tailoring	1	$5,000	$5,000	.....	$2,500
Total	1	$5,000	$5,000	.....	$2,500

GROUP VII.—WOODS AND MANUFACTURES.

Elaboration of woods	1	$10,000	$10,000	$4,000	.....
Total	1	$10,000	$10,000	$4,000	.....

GROUP XII.—PAPER AND PRINTED MATTER.

Printing	1	$400	$400	$150	.....
Total	1	$400	$400	$150	.....

GROUP XIII.—SKINS AND MANUFACTURES.

Saddlery	1	$4,000	$3,500	.....	.....
Total	1	$4,000	$3,500	.....	.....

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of starch	1	$200,000	$150,000	$188,000	.....
Manufacture of soap	1	44,000	40,000	16,000	.....
Total	2	$244,000	$190,000	$204,000	.....

GROUP XVI.—VEHICLES AND MATERIALS FOR TRANSPORT.

Carriage works	1	$5,000	$5,000	$2,000	.....
Total	1	$5,000	$5,000	$2,000	.....

INDUSTRIAL STATISTICS OF THE DEPARTMENT OF MELIPILLA IN 1906.

GROUP I.—ALCOHOLS, BEVERAGES AND PREPARATIONS.

Industries.	No. of Establishments.	Hands Employed.						Weekly Salary.			Labor.	
		Men.	Women.	Boys.	Native.	Foreign.	Total.	Men.	Women.	Boys.	Days in Year.	Hours in Day.
Manufacture of beer	1	15	...	5	16	4	20	$12.00	....	$6.00	300	10.
Total	1	15	...	5	16	4	20	$12.00	....	$6.00	300	10.

GROUP III.—ALIMENTARY PRODUCTS AND PREPARATIONS.

Mills	4	31	...	6	37	...	37	10.05	....	3.30	310	24.
Bakeries	5	37	...	1	38	...	38	9.50	....	1.40	308	8.
Total	9	68	...	7	75	...	75	$9.75	....	$2.35	309	16.

GROUP VI.—CLOTHING AND MANUFACTURED GOODS.

Tailoring	1	4	...	...	4	...	4	12.00	....	....	300	10.
Total	1	4	...	...	4	...	4	12.00	....	....	300	10.

GROUP VIII.—WOODS AND MANUFACTURES.

Elaboration of woods	1	15	...	...	15	...	15	12.00	....	....	100	10.
Total	1	15	...	...	15	...	15	12.00	....	....	100	10.

GROUP XII.—PAPER AND PRINTED MATTER.

Printing	1	1	...	...	1	...	1	....	....	....	50	5.
Total	1	1	...	...	1	...	1	....	....	....	50	5.

GROUP XIII.—SKINS AND MANUFACTURES.

Saddlery	1	3	...	...	3	...	3	18.00	....	....	300	10.
Total	1	3	...	...	3	...	3	18.00	....	....	300	10.

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of starch	1	10	...	...	10	...	10	$6.00	....	....	150	10.
Manufacture of soap	1	5	...	...	5	...	5	12.00	....	....	150	10.
Total	2	15	...	...	15	...	15	$9.00	....	....	300	10.

GROUP XVI.—VEHICLES AND MATERIALS FOR TRANSPORT.

Carriage work	1	5	...	...	5	...	5	$18.00	....	....	300	12.
Total	1	5	...	...	5	...	5	$18.00	....	....	300	12.

INDUSTRIAL STATISTICS FOR THE DEPARTMENT OF MELIPILLA IN 1906.

GROUP I.—ALCOHOLS, BEVERAGES AND PREPARATIONS.

Industries.	No. of Establishments.	Motive Power.															
		Steam.		Gas.		Water.		Petrol.		Gas. Pobre.		Pitch.		Animal.		Electricity.	
		No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.
Manufacture of beer	1	1	15														
Total	1	1	15														

GROUP III.—ALIMENTARY PRODUCTS AND PREPARATIONS.

Mills	4					4	195										
Bakeries	5	1	6											1	4		
Total	9	1	6		4	195								1	4		

GROUP VII.—WOODS AND MANUFACTURES.

Elaboration of woods	1	1	16														
Total	1	1	16														

INDUSTRIAL STATISTICS FOR THE DEPARTMENT OF MELIPILLA IN 1906.

GROUP I.—ALCOHOLS, BEVERAGES AND PREPARATIONS.

Industries.	No. of Establishments.	Machines.			Boilers.		Combustibles.	
		Mechanic Force.	Hand.	Tr'dle.	No.	Horse.	Species.	Value.
Manufacture of beer.....	1	1	1	....	3	30	Coal and wood.	.....
Total	1	1	1	....	3	30	.....	.....

GROUP III.—ALIMENTARY PRODUCTS AND PREPARATIONS.

Mills	4	46	....	....	..	....	.....	.....
Bakeries	5	6	2	....	..	....	Wood	$1,140
Total	9	52	2	....	..	....	.....	$1,140

GROUP VI.—CLOTHING AND MANUFACTURED GOODS.

Tailoring	1	....	1	....	..	....	.....	.....
Total	1	....	1	....	..	....	.....	.....

GROUP VII.—WOODS AND MANUFACTURES.

Elaboration of woods...	1	6	....	....	1	24	.....	.....
Total	1	6	....	....	1	24	.....	.....

GROUP XII.—PAPER AND PRINTED MATTER.

Printing	1	....	1	....	..	....	.....	.....
Total	1	....	1	....	..	....	.....	.....

GROUP XIII.—SKINS AND MANUFACTURES.

Saddlery	1	....	....	1	..	....	.....	.....
Total	1	....	....	1	..	....	.....	.....

GROUP XIV.—PHARMACEUTICAL AND CHEMICAL PRODUCTS.

Manufacture of starch...	1	....	....	....	..	....	.....	.....
Manufacture of soap....	1	....	....	....	..	....	.....	.....
Total	2	....	....	....	..	....	.....	.....

GROUP XVI.—VEHICLES AND MATERIALS FOR TRANSPORT.

Carriage work	1	....	6	....	..	....	.....	.....
Total	1	....	6	....	..	....	.....	.....

RESUME OF THE INDUSTRIAL STATISTICS OF THE DEPARTMENT OF MELIPILLA IN 1906.

Industries.	No. of Establishments.	Capital.			
		Property.	Machinery.	Working Capital.	Total.
1. Alcohols, beverages and preparations...	1	$25,000	$20,000	$20,000	$65,000
3. Alimentary products and preparations..	9	257,500	257,400	880,600	1,395,700
6. Clothing and manufactured goods.....	1	.....	150	1,800	1,950
7. Woods and manufactures.....	1	35,000	20,000	50,000	105,000
12. Paper and printed matter.....	1	.....	200	200	400
13. Skins and manufactures.....	1	.....	200	5,000	5,200
14. Pharmaceutical and chemical products..	2	20,000	3,000	15,000	38,000
16. Vehicles, etc.....	1	4,000	1,000	2,000	7,000
Total	17	$341,500	$301,950	$974,600	$1,618,250

RESUME OF THE INDUSTRIAL STATISTICS OF THE DEPARTMENT OF MELIPILLA IN 1906.

Industries.	No. of Establishments.	Production.		Raw Materials.	
		During Year.	Average.	National.	Foreign.
1. Alcohols, beverages and preparations...	1	$100,000	$45,000	$15,000	$15,000
3. Alimentary products and preparations..	9	2,358,000	1,999,600	1,038,000	.....
6. Clothing and manufactured goods.....	1	5,000	5,000	.....	2,500
7. Woods and manufactures.....	1	10,000	10,000	4,000	.....
12. Paper and printed matter.....	1	400	400	150	.....
13. Skins and manufactures.....	1	4,000	3,500	.....	.....
14. Pharmaceutical and chemical products..	2	244,000	190,000	204,000	.....
16. Vehicles, etc.	1	5,000	5,000	2,000	.....
Total	17	$2,726,400	$2,258,500	$1,263,150	$17,500

RESUME OF THE INDUSTRIAL STATISTICS OF THE DEPARTMENT OF MELIPILLA IN 1906.

Groups of Industries.	No. of Establishments.	Hands Employed.						Weekly Salary.			Labor.	
		Men.	Women.	Boys.	Native.	Foreign.	Total.	Men.	Women.	Boys.	Days in Year.	Hours in Day.
1. Alcohols, beverages and preparations	1	15	...	5	16	4	20	$12.00	....	$6.00	300	10.
3. Alimentaries and preparations..	9	68	...	7	75	...	75	9.75	....	2.35	309	16.
6. Clothing and manufactured goods	1	4	...	...	4	...	4	12.00	....	....	300	10.
7. Woods and manufactures.....	1	15	...	...	15	...	15	12.00	....	....	100	10.
12. Paper and printed matter.....	1	1	...	...	1	...	1	....	....	....	50	5.
13. Skins and manufactures.....	1	3	...	...	3	...	3	18.00	....	....	300	10.
14. Pharmaceutical and chemical products	2	15	...	...	15	...	15	9.00	....	....	200	10.
16. Vehicles, etc.	1	5	...	...	5	...	5	18.00	....	....	300	10.
Total	17	126	...	12	134	4	138	$12.95	....	$4.15	232	10.10

RESUME OF THE INDUSTRIAL STATISTICS OF THE DEPARTMENT OF MELIPILLA IN 1906.

Industries.	No. of Establishments.	Motive Power.															
		Steam.		Gas.		Water.		Petrol.		Gas Pobre.		Pitch.		Animal.		Electricity.	
		No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.	No.	H. P.
1. Alcohols, beverages and preparations	1	1	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Alimentary products and preparations	9	1	6	...	...	4	195	...	...	...	...	...	...	1	4	...	...
7. Woods and manufactures	1	1	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	11	3	37	...	...	4	195	...	...	...	...	...	...	1	4	...	...

RESUME OF THE INDUSTRIAL STATISTICS OF THE DEPARTMENT OF MELIPILLA IN 1906.

Groups of Industries.	No. of Establishments.	Machines.			Boilers.		Combustibles.	
		Mechanic Force.	Hand.	Tr'dle.	No.	Horse.	Species.	Value.
1. Alcohols, beverages and preparations	1	1	1	....	3	30	Coal and wood.	.....
3. Alimentary products and preparations	9	52	2	....	..	....	.....	$1,140
6. Clothing and manufactures	1	....	1	....	..	....	.....	.....
7. Woods and manufactures	1	6	....	....	1	24	.....	.....
12. Paper and printed matter	1	....	1	....	..	....	.....	.....
13. Skins and manufactures	1	....	....	1	..	....	.....	.....
14. Pharmaceutical and chemical products.	2	....	....	....	..	....	.....	.....
16. Vehicles, etc.	1	....	6	....	..	....	.....	.....
Total	17	59	11	1	4	54	.....	$1,140

LIST OF THE DIFFERENT INDUSTRIES IN THE DEPARTMENT OF SANTIAGO,

With Specifications of Those Establishments Which Have Contributed Particulars for the Information of the Industrial Statistics.

ACCOUTREMENTS.

Federico Reich e hijo, Av. Latorre 3786.

AERATED BEVERAGES.

Enrique Pasig (sucesion), Purisima 218.
Julio Fallet i Aubry, Castro 585.
Sociedad Fabrica de Cerveza Andres Ebner, Independencia 565.
Llamazares i Ca., Rosario 1033.
Compañia Cervecerias Unidas, Huerfanos.
Juan Paccaud, San Martin 877.
F. Horstmann, Esperanza 1247.
Compañia Cervecera Valdivia, Huerfanos 3124.
Enrique Saelzer, Castro 649.

AMMUNITION.

Regulo Valenzuela, Manuel Montt 2747.

ARTIFICIAL FLOWERS.

Tadea Rivera v de Echecerria, Serrano 371.
Abelardo Carvajal i F., Estado 30.
Jorje Paegel F., Pasaje Matte 36.
Honorina R. de Faren, Ahumada 318.
Neupert i Ca., Ahumada 336.

ARTICLES OF FASHION.

Gregoria M. de Aymami, San Antonio 270.
Dupeyron de Almeras, Huerfanos 987.
Md. Pouyo, Teatinos 156.
Mercedes Lacoste, Teatinos 56.
Eujenia Bayer, Estado 351.
Md. Leroux, Estado 150.
L. Duchesne, Moneda 1937.
Cristina Schmit, San Antonio 15.
Emilia Bachros, Merced 761.
Blanca Le Gura v de Durand, Estado 343 altos.
Otto Jacobsen i Ca., Estado 186.
Gricelda Drago, Santo Domingo 594.
Antonia Alesan, Pasaje Matte 49.
J. Richard, Pasaje Matte 46.
Lidia Montero H. i Ca., Pasaje Matte 31.
Madame Dussert Hnas, Catedral 1250, Blanca Truffy, Estado 24.
Ana Rouchette, Compañia 1277.
Ana de Guillen, Miraflores 156.
Madame Perrenoud, Mosqueto 435.
Ana B. de Cavallini, Compañia 1341.
Fernanda de Criado, Amunategui 733.
Jeamee des Echevilles de G., San Antonio.
Matilde de Canut, San Antonio 52.
Flores Hermanas, Morande 667.
Madame Reglat, Ahumada 357.
Madame Legal de F., Merced 507.
Corina Jeina, Pasaje Matte 59.
Leontina Lavoisot, Compañia 1033.
Carolina Vergueiso de Diaz, Bascuñan Guerrero 55.
Carolina R. de Lopez, Delicias 2672.
Mercedes Pinto Salas, Delicias 2509.
Maria Alvarez de B., Compañia 1850.
Maria Luisa Souffran, Catedral 1476.
Jeronima Vidal de G., Compañia 1826.
Madame Carrouche, Moneda 1726.
"Gran Taller de Modas," San Martin 91.
Mercedes Cerda de B., San Carlos 343.
Pedro Pablo Kastler, Alameda 1356.
Felipa A. de Torriello, San Diego 277.
Mercedes B. de Valenzuela, San Diego 69.
Susana Fetilpas, San Diego 330.
Enriqueta de la Sotta, San Diego 348.
Primitiva Vasquez v de V., San Francisco 228.
"Bordados Artisticos," San Carlos 624.
Maria Thomas de G., Carmen 428.
Isabel Montana, Recoleta 343.
Madame Cabriole, Huerfanos.

AUTOMOBILES AND BICYCLES.

B. Tisne, Delicias 1613.
Cesar Copetta, San Martin 70.

BAKERIES.

Juan Oliveira, San Diego 1687.
Juan de Dios Rivera i Ca., San Diego 2124.
Jose del Carmen Rubio, San Diego 2151.
Francisco Lasolvia, Arturo Prat 1404.
J. Daniel Reglat, Galvez 1289.
Francisco Novellino, San Diego 1440.
Pedro Casale, Huemul 1244.
Eduardo Matta Tagle, Avenida Tupper (Presidio).

BAKERIES—Continued.

Forteza i Ca., Castro 432.
Alberto Jarques, Alameda 2120.
Juan Ferreiro, Molina 590.
Martin Alujas i Ca., San Ignacio 334.
Joaquin Astorga, Castro 165.
Vicente Paci, Aldunate 712.
Carmen Vasquez de Aranda, Carreras 579.
Manuel Darjeles, Copiapo 1060.
Juan Morales, Lord Cochrane 840.
Anjel de Stefano, Arturo Prat 614.
Gaconi Hermanos, San Francisco 687.
Luis Torres i Ca., San Diego 299.
Daniel Gonzalez, San Diego 528.
Victor Montes, Arturo Prat 959.
Bellizia Hermanos, Nataniel 895.
Luis Porte, Lira 144.
Francisco Amigo, Maestranza 601.
Grula i Biandont, Diez de Julio 534.
Luis Ugarte Riesco, Maestranza 176.
Juan Morales, Maestranza 685.
Juan Lombard, Santa Isabel 18 a 22.
Garcia i Boher, San Francisco 510.
Jose Fortuny, Lillo 530 a 544.
Benito Carbonell, Dominica 307.
Eleuterio Gomez, Bellavista 479.
Jorje Evans B., Salas 248.
Eumelia Mellado, Rivera, esquina de Quintana 1902.
Saturnino Cañizara, Recoleta 544.
Lorenzo Fouquet, Independencia 410.
Guel i Ca., B. Guerrero, esquina de E. Mora.
Santiago Herranz, B. Guerrero 94.
Ricardo Perez, B. Guerrero 226.
Maria C. de Besoain, San Pablo 3284.
Aquiles Labotier, Esperanza 741.
Maria Couzon v de Paerle, Chacabuco 56.
Dionisio Celery, Esperanza 1002.
Ascencio Pacheco, Martinez de Rosas 274.
Luis Despouy, San Pablo 2509.
Richard Gutmann, Catedral 2650.
Marcos Saez, Brasil 890.
Antonio Grandal, Rosas 2047.
Manuel Gonzalez, Rosas 1687.
Sucesion Villalba, San Pablo 1633.
Rosselot i Ca., San Pablo 2160.
Jose Laplecharde, Santo Domingo 1025.
Bernardo Hourton, Bandera 840.

BEDSTEADS.

Felipe Ros, San Pablo 1850.
Jaime Busquets, San Diego 115.
Andres Alesan, Avenida Matta 2565.
Manuel J. Irarrazabal, Avenida Matta.
Pedro Sarmiento, San Diego 787.

BILLIARD TABLES.

Benjamin Perez, Santa Rosa 209.
Teodoro Van de Wyngard, Mapocho 3924.

BINDING AND BLANKBOOKS.

Pra i Ca., Cerro, 143
Froilan Alcaide. Independencia 361.
Moreno Hnos, Compañia.
Conferencia de San Vicente de P., Toesca 3090.
Borchert i Ruiz, Agustinas 826.
Luis Stteter, San Antonio 457.
Nicasio Ezquerra, Bandera 86.
Adolfo Schrebler, Merced.
Manuel A. Marquez, Bandera 543.
Guillermo E. Miranda, Ahumada 51.
Infante i Aguirre, Teatinos.
Arturo Vicuña Guerrero, S. Antonio 431.
Arturo Calvo M., Bandera 251.
Poblete Cruzat Hnos, Moneda 855.
Hugo Neisser, Rosas 934.
Jose Sandoval Hnos, Bandera 29.
Santiago Schramm, San Antonio 89.
Ricardo Drietsch, Moneda 927.
Federiço Lathrop, Estado 137.
Lino 20. Alonso, Manuel Rodriguez 68.

BISCUITS.

Juan Oliveira A., San Diego 1687.
Ugarte Riesco Hnos, Maestranza 177.
Vicente Bravo B., Manuel Montt 2883.
Emilio Arancibia (sucesion), Bascuñan Guerrero 410.
Fortino Macaya, Mapocho 3925.
McKay i Ca., Moneda 3078.
Jose Goma, Matucana 97.

BLACK AND WHITE PORCELAIN.

Daniel Garai, Mapocho 2714.
Carlos Sagredo i Ca., San Cristobal 31.
Jorge, Ossa i Ca., Pio IX, 281.

BRAZIERS.

Anselmo Dreyse, San Pablo 1204.
Arturo Howard, Libertad 21.
Jeronimo Pacheco, Alameda 2174.
Ignacio Pedemonte, Bandera 802.

BREWERIES.

Federico Horstman, Esperanza 1247.
Sociedad Fabrica de Cerveza Andres Ebner, Independencia 565.

BROOMS.

Antonio Vera Cruz, Av. Tupper (Presidio).
Guillermo Schott, Dardignac 144.
Picardo i Ca., Libertad.

BRUSHES AND SWABS.

Bascuñan Hnos, Teatinos 52.
Osvaldo Stuven, Chacabuco 221.

CANDLES.

Parrague Hnos, San Ignacio 1845.
Blas Arredondo Toro, San Diego 1175.
Opazo i Ca., San Diego 1324.
Benjamin Flores, A. Prat 1490.
Marcelo Gorret, Delicias 2474.
Isidoro Regis, Galvez 1041.
Compañia Industrial, Delicias 3045.

CAPS.

Jose Rosenblett (sucesion), Delicias 2596.
Jerardo Tritino, San Diego 221.
E. Navia, Galvez 1202.

CARPENTER SHOPS.

Francisco Dinamarca, Garcia Reyes.
Favillini e hijos, Moneda 2424.
Villanueva i Sotomayor, Moneda 2572.
Sanchez i Fariña, Rosas 2481.
Juan Silva, Cachabuco 13.
Jose A. Lizama, Rosas 2548.
Enrique Coffano, San Isidro 137.
Jose Castro, Camilo Henriquez 544.
Emilio Cadez, Eleuterio Ramirez 769.
Roberto Wischman, Maestranza 463.
Gustavo Kimst, Coquimbo 729.
Wenceslao Avila, Eyzaguirre 549.
A. Sentilli, Lira 26.
Casimiro Miguel, Delicias 330.
Jose Miguel Gatica, Grajales 1848.
Manuel Jesus Leon, Sazie 1628.
Felix Maldonado, Toesca 3090.
Juan Filidei, Toesca 2707.
Ramon Fernandez, Union Americana 81.
Marco Aurelio Tobar, Avenida Matta 984.
Victorino Valdes, Galvez 72.
Lorenzo Rojas, Galvez 1061.
Julio Tixier, Condor 1380.
Francisco Javier Azaola, San Diago 944.
Federico Rivas, Moneda.
Jose Antonio Rubio, Morande 793.
Jose Miguel Leiva, Independencia 513.
P. Riffaud, Almirante Barroso 48.
Carlos Manuel Prieto, Moneda 2239.
Isaac Oses, San Pablo 1620.
Leandro Farias, Catedral 2270.
Enrique Echeverria Cavotte, Santo Domingo 1716.
Felix Guitriot, Libertad 45.
Ernesto Ledermann, Cochrane 783.
Manuel Bravo, Castro 420.
Bartolome Palmer, Castro 75.
H. Guillaume, Grajales 2226.
Nicanor Contreras, Vergara 548.
Nomingo Massardo, Padura 762.
Ricardo Vergara Montt, San Ignacio 1310.
Victor Gonzalez, Huemul 1422.
Mamport i Ca., San Diego 1320.
Francisco Mesa, Huemul 1468.
David Silva, San Diego 1256.
Eulojio Gatica, Carmen 778.
Adolfo Renard, Carmen 765.
Evaristo Venegas, Camilo Henriquez 641.
Ignacio Comoglio, Avenida Vicuña Mackenna 682.
Bardeau Hnos., Agustinas 1920.
M. Salome F. v de Douzet, Rosas 1836.
Amador Taulis e hijo, Catedral 1863.
Manuel Gamboa M., Moneda 1460.
Manuel Guillen i Ca., Almirante Barroso 40.
Luis Alberto Lopez A., San Pablo 2059.
Alejandro Rommer, Delicias 2197.
Juan B. Romero, Toesca 3090.
Delfin Maureira, Avenida Matta 68.
J. Manuel Ramirez, Avenida del Ecuador 3576.
Rosa Formes, Delicias 2827.
Victor Flores, Sotomayor 172.
Levanchy Hnos., Sotomayor 792.
Douzet i Bosne, Catedral 2832.
Belisario Pacheco, Matucana 745.
Abraham Lopez Palma, Compañia 2470.
Moises Pimsteim, Libertad 548.
Contreras i Contreras, Avenida Cumming 868.
M. Amion, Galvez 111.
Loreto Mora v de Aranguiz, Arturo Prat 1010.
Thieme Liebe, Miraflores 269.
Douzet e hijo, San Antonio 816.
Juan Caviedes, San Pablo 2059.
D. Ramirez, San Pablo 2825.

CARTS AND HAND CARTS.

Luis i Alfredo Lavanchy, Rosas.
E. Gagliardo i Ca., Sotomayor 170.
Taller Municipal, Almirante Barroso 860.
Patricio Mella, Aldunate 1329.

STRAW BOTTLES (PRESERVES).

Romulo Roa Palma, San Francisco 990.
Jose Gonzalez, Lord Cochrane 1411.
Mauricio Jourdan, Nataniel 1250.

CIGARS AND PURE CIGARETTES.

Carlos Marin E., Puente 630.
Luis Velasco, Rosas 2217.
Luis R. Lopez, Puente 726.
Carmen Campo v de T., Picarte 397.
Benjamin Tallman, Catedral 2696.

CHOCOLATE.

Giossia Hnos., Merced 388.
Eujenio Despouy, Chacabuco 22.

CLOTHS.

Sociedad Nacional de Tejidos, "Santiago," El Salto.

COFFEE ROASTERS.

Beldi i Scotti, Mapocho 3496.
Juan F. Torres, Olivos 686.

COFFINS.

Antonio Boher, Estado 7.
Lemus i Batory, Davila 709.
Sociedad Anonima de Pompas Funebres, "La Central," San Antonio 401.
Alberto Lemus, Santo Domingo 971.
L. Ovalle, San Antonio 98.
Jorje Jara, Purisima 330.
Salvador Acuña, Pio IX 21.
Jose Aronella, Arturo Prat 607.
Francisco Arana, San Pablo 1721.

COMPOSITION BRICK.

Sociedad Anonima, Bellavista 420.

CONFECTIONERS.

Luis Bonzi, Portal Edwards.
Leon Moock, Estado.
Ramis i Ca., Delicias 835.
Benito Camino, Compañia 1014.
H. Pinaud, Portal Fernandez Concha 964.
Alberto Lauper, Libertad 634.
Juan Gramunt, Cochrane 571.

COOPERAGE.

Ricardo Colemann, Delicias 2439.
E. Gagliardo, Sotomayor 170.
M. Jose Etillera Jerso, Martinez de Rozas 3289.
Guillermo Heim, Matucana 577.
Jovino Aravena, Delicias 2589.

CORSETS.

Fabrica Unidas de Corsees, Alonso Ovalle 1431.
Artigas i Ca., Delicias 2734.
Pouget i Ca., Estado.
Camille Mollet, Catedral 1287.
Jose A. Bañados, Infante 1443.

DISTILLERIES.

Juan Ventura, Av. Vicuña Mackenna 8.
J. Mercadie i Ca., San Diego 2396.

DYE WORKS.

Isabel P. de Hug, Dominica 404.
Eleuterio Espinosa i Ca., San Pablo 1071.
Horacio Contador Sota, Rosas 2820.
Juana M. de Baapfola, Esperanza 1034.
Agustin Changogus, Moneda 2202.

ENAMELS.

Julio Silva, Nuble 616.

ENGRAVERS.

Federico Matthey Doret, Estado 311.
Eujenio Chanalet, Estado 247.
R. A. Texier, Pasaje Matte 31.

ENVELOPES.

Borchert i Ruiz, Agustinas 826.
Federico Lathrop, Estado 131 a 137.

EXTRACT OF QUILLAY.

E. Elzo L., Cueto.

FACTORIES FOR THE ELABORATION OF WOOD.

Enrique Heitmann, Cerreras 680.
Wenceslao Veloz Sotomayor, Castro 56.
Morales i Escobedo, Avenida de la Republica 717.
Guerrero i Rousseaux, Delicias 2496.
Enrique Labatut B., San Francisco 758.
Vasquez i Yelpi, Arturo Prat 855.
Victor Rafael Cruchaga, Arturo Prat 1067.
Benito Garcia, San Alfonso 577.
Pablo Doneaud du Plan, Union Americana 336.
Guillermo Larios, Mapocho 1645.
Rufino Guzman, Libertad 269.
H. Ceppi, Sotomayor 59.
Carlos Carmona, Avenida Portales 1835.
Francisco Garcia Paz, Matucana 745.
Morales i Escobedo, Esperanza 51.
Rivera, Prajoux i Ca.. Esperanza 24.
Julia Vergara de Lecannelier 12 de Febrero 66.
Martinez i Ca., Andes 1832.
Luis Canepa Ugalde, Delicias 2215.
Pedro Ceppi, Delicias 1887.
Venegas Hnos, Tarapaca, 851 i Poblacion Vergara, Valp.
Armando Verdugo Wilson i Ca., Avenida Vicuña Mackenna 22.
Juan A. Orrego, Matucana.

FAT REFINERIES.

Adolfo Baeza Riesco, Santa Rosa 1153.
Miguel Etchepare, Galvez 1119.
Aycaguer i Duhalde, Chiloe 1994.
Juan Moggia, Chiloe 1869.

FIREWORKS.

Luis i J. Felipe Morales A., Dominica 163.

FOOTWEAR.

Aycaguer i Duhalde, Penitenciaria.
P. Podechard i Ca., Huemul 1107.
Agustin Pico (sucesion), Arturo Prat 1342.
Jesus Peleteiro, Castro 210.
Esteban Basas, San Diego 400.
Benito Ortega, San Diego 494.
Desiderio Braña, Davila 763.
Labra, Allamand i Ca., Independencia 335.
Calpe i Ca., Delicias 2728.
Exequiel Gastelurrutia, San Pablo 3157.
Rafael Ferrer, Delicias 2593.
Juan Miguel Etchepare, Amunategui 914.
Goyetche i Ca., Rosas 1653.
Jose Bellver, San Pablo 2290.
Antonio Perez Cangas, 21 de Mayo 849.
Francisco Basas, Puente 721.
Yantorno i Ca., San Alfonso 17.

FOUNDRIES.

Otto Hnos, Antonio Varas 45 to 49.
Luis Valecchi, San Diego 235.
Forlivesi i Ca., Davila 914.
Hugo Wolff, Grajales 2548.
Maximo Slutlzky, Vergara 760.
Luis Jaspard, San Pablo 1239.
Roberto Boza, Rosas 1015.
Klein Hnos, Union Americana 242.
Ciro Makin, Delicias.
D. Corbeaux i Ca., Esperanza 538.
Isidoro Paulus, Garcia Reyes 77.
Adolfo Puissant e hijo, San Miguel 106.
Augusto Raab, Rosas 2987.
Strickler i Kupfer, Libertad 53.
Arturo Howard, Libertad 21.
Venancio Santana, Agustinas 1717.
Jose del Carmen Peña, Pasaje Ugarte 76.

FRAMES AND GILDING.

Elias Wiedman, Compañia 1276.
Alberto Gallot, Matucana 504.
Eduardo Caillaux, Riquelme 27.
Massaro i Raineri, Santo Domingo 971.
Carlos Heitmann, Carreras 680.
Emilio Berrios G., San Diego 957.
Enrique Ponti i Ca., Recoleta 160.
Isaac Anel (sucesion), Delicias 1031.
Juan B. Carvajal, Eleuterio Ramirez 753.
Antonio Moder e hijo, Estado 160.

REFRIGERATORS.

Sociedad Frigorifica de la Vega, Bellavista 180.

FURNITURE AND UPHOLSTERY.

Eduardo Bresciani, Estado 47.
Eduardo Guzman, Estado 85.
Marcos Wolf, Avenida Matta 3028.
Manuel Bustamante, San Diego 153.
Clodomiro Moreno, Arturo Prat 757.
Vicente Goyoaga, San Diego 436.
Jose Bravo, San Diego 37.
Juan Becker, Arturo Prat 1030 a 1034.
Pedro N. Aliaga, Teatinos 428.
Jose Ignacio Torres, Villavicencio 326.
Urbano Carvallo, Santa Rosa 771.
Enrique Coffano, San Isidro 137.
Antonio Yori, Carmen 169.
Benito Garcia, Alameda 2715.
Antonio Bazzain, Santo Domingo 3007.
Pedro Souffran, Catedral 1476.
Arturo Carrasco, Catedral 1421.
Buenaventura Rodriguez, Agustinas 1725.
Giordano i Zunino, Riquelme 36.
Leon Fournet i Ca., Agustinas 2253.
Benjamin Orellana, Agustinas 1778.
N. Gontaul, Alameda.
Victor Manuel Pinto, Castro 90.
Jose Miguel Leiva, Independencia 513.
Casa Muzard, Moneda.
Carlos Humbser, Riquelme 84.
Arturo Carrasco, Catedral 1421.
Vicente Salas, Arturo Prat 1440.
Manuel Jesus Leon, Sazie 1728.
Pedro Guerrero, Eleuterio Ramirez 745.
Casa Pra, Cerro 143.
Escobar i Ca., Compañia 1315.
Hue i Fellay, Ahumada 96.
Julio Seckel, Estado.
Luis T. Gonzalez, Bandera 1391.
Emilio Kappich, Catedral 1213.
Antonio Leon, Moneda 937.
Manuel Hidalgo, Almirante Barroso 336.
Ramon Cabrera, San Diego 31.
Alberto Clemant, Av. Tupper (Presidio).
Sucesion Jose F. Donoso, Av. Penitenciaria (Penitenciaria).

FURNITURE PASSEMENTERIE.

Jacinta Varetto v de Vogliotti, San Diego 241.

FURRIERS.

M. Grinewald, San Diego 124.
Esteban Bartuccevic G., Pasaje Matte 29.

GAS WORKS.

Sociedad Anonima, San Miguel.

GLOVES.

Alberto Meriot, San Antonio 202.

GLUES.

Compañia Industrial, Delicias 3045.
Daniel Aguirre, Mapocho 3501.
Roberto Aguirre M., Martinez de Rozas 3968.

HATS.

A. Launay, Ahumada 335.
J. Voigt, Ahumada 360.
Emilio Cintolesi i Ca., Moneda 2408.
Cesar Andui Hnos., Puente 625.
Luis Malenconi, Puente 736.
F. A. Blech Wegener, Ahumada 346.
A. Cohe, Pasaje Matte 52.
Guillermo Mazzoni, San Pablo 2083.
Salvestrini i Fantuzzi, San Isidro 72.
Federico Stange A., San Diego 345.
Wenceslao Vega, Alameda 2628.
Bettono Ferraresi, Alameda 2674.
Cozzi Hnos., San Diego.
Capellaro Hnos., Recoleta 214 antiguo.

ICE.

Federico Horstmann, Esperanza 1247.
Enrique Saelzer, Castro 649.
Ricardo Matte B., Bellavista.
Jorje Bernan, Bellavista 27.
Compañia Cervecerias Unidas, Huerfanos.

INKS.

E. Picardo, Catedral 17.
Pedro N. Izquierdo, Nuble 952.
Marcos Dubinsky, Santa Rosa 520.

IRON CASES, ETC.

Styles i Ca., Catedral.
Elfas Caffi, Garcia Reyes.
Gustavo Bash, Compañia.

IRON WORKS AND LOCKSMITHS.

Enrique Bertrand, San Diego 225.
Venancio Santana, Agustinas 1719.
Maximo Slutlsky, Vergara 760.
Hemette, Faure i Ca., Teatinos 60.
Francisco Javier Carroza, Sazie 2119.
Torres i Guzman, Bilbao 195.
Roberto Torretti, San Ignacio 500.
Francisco Acuña, Nataniel 166.
Jose M. Armijo, Serrano 292.
Camilo Pizarro P., Eyzaguirre 1259.
Salvador Encinas, Arturo Prat.
Filomeno Sutherlan, Condor 915.
Eleuterio Retamales, Galvez 104.
Hector Maglio, Carmen 350.
Francisco Rivara, Santa Isabel 348.
Juan Maglio, Jofre 363.
Manuel Jeroseria, San Isidro 247.
Valpreda i Mantelli, Santa Victoria 330.
Jose Marti, Independencia 359.
Antonio Lopez, Recoleta 585.
Carlos Lepke, Chacabuco 88.
Jose Robinovitch, Sotomayor 395.
Clemente Rivera, Sotomayor 52.
Martinot i Delgeon, Av. Portales 3184.
Juan Arredondo, Alameda 2557.
Alejandro Fulin, Agustinas 2425.
Enrique Cornejo, Matucana 571.
Isidoro del Carmen Oyarce, Sotomayor 858.
Manuel Guillen, Almirante Barroso 83.
Manuel Pezoa, Catedral 1982.
Cesar Copetta, San Martin 70.
Nicolas Bucci, Catedral 1923.
Jose Ignacio Torres, Villavicencio 32.
Emilio Laffitte, Bandera 761.
Rene Verdier (sucesion), San Antonio 172.
Ignacio Pedemonte, Bandera.
David Davis, Cienfuegos 33.

JEWELRY.

Antonio Tirreaux, Santo Domingo 952.
Otto Waak, San Antonio 142.
Fernando Schultz, Agustinas 1035.
Jorje Muller, Ahumada 390.
Victor Emmanuel i Ca., Huerfanos.
Ismael Oros, Estado 70.
Mauricio Meyer, Estado 373.
Eduardo Perrenoud, Ahumada 258.
A. Boudin, Moneda 822.
Alfonso Godart, Ahumada 259.
Levy i Ca., Ahumada 172.
Federico Muller, Ahumada 54.
Bastilio etc, Santiago, Independencia 361.
Alfredo Dusimoni, San Diego 255.
Ghiringhelli e Hijo, Delicias 2742.

LAMPS, GAS FITTINGS AND TINWARE.

Juan Onofre Arevalo, San Pablo 1268.
M. A. Curucull, Estado 120.
Federico Berger, San Pablo 1115.
Leonardo Jimenez, Agustinas 1217.
Daniel Vargas, Claras 548.
Juan Villanueva, Esmeralda 817.
Luis Daneri, Moneda 959.
Timoteo Ovejero, Merced 475.
Marcelo Blondet, Bandera 763.
Styles i Ca., Agustinas 938.
Emilio Laffite, Bandera 761.
Benjamin Aguilar, Agustinas 1580.
Manuel Pezoa, Catedral 1982.
Eduardo Bazin, Catedral 1686.
Antonio Lopez Doña, San Pablo 1834.
Jenaro Martinez, Alameda 2425.

LAMPS, ETC.—Continued.

Ulrich Bath, Avenida Portales 2812.
Cruz A. Vilos, Chacabuco 143.
Martin Buche, Moneda 2349.
Alejandro Fulin, Agustinas 2425.
Eleodoro Muñoz M., Sotomayor 72.
Alejandro Fernandez, M. Montt 2640
Emilio Alvarez, Independencia 511.
Antonio Lopez, Recoleta 585.
Cesar Penelli e hijos, Santa Rosa 266.
Juan Jose Goyoaga, Carmen 116.
Guillermo Martinez, Carmen 28.
Manuel Jeroseria, San Isidro 247.
Pedro P. Diaz, Condor 944.
Donaldo Kerr, Arturo Prat 32.
Domingo Varetto, San Diego 320.
Froilan Alvarez, Eleuterio Ramirez 1046.
Carlos Riveros, Instituto 1275.
Francisco Gutierrez, Instituto 1046.
Ricardo Olivares, San Diego 265.
Jenaro Perez, Alonso Ovalle 1534.

LAUNDRIES.

Jesus Rios, San Pablo 1368.
Jertrudis V. v de Laderchi, Agustinas 646.
Maria Muñoz, Mesias 266.
Rosa Amelia Lobos, Morande 822.
Juan Bastoure, Delicias 133.
Esteban Marchetti, Merced 302.
Hortensia Gonzalez, Amunategui 769.
Cayetano Araya, Bandera 764.
Veronica Fantaguzzi, Agustinas 517.
Pra i Ca., Cerro 143.
Antonio Hernandez, Santo Domingo 592.
Ester Lazo v de Michelich, Almirante Barroso 71.
Berta Suirise, Almirante Barroso 90.
E. Martini, Moneda 1599.
Antonina Ortiz de Ponce, Rosas 1607.
Manuel Torres, Brasil 631.
Maria Edmond, San Martin 50.
Fabian Camususseigt, Sama 1426.
Pedro J. Gonzalez, San Pablo 1747.
Carmen Balboa, Fontecilla 62.
Maria Armijo, Brasil 618.
Florisia Fernandez de G., Compañia 1855.
Ines Navarro, Brasil 646.
Felipe Chommeton, Cienfuegos 43.
B. Perez, Catedral 1964.
Micaela Ortiz, Baquedano 769.
Agustin Bonavida, Libertad 514.
Virjinia Banda v Soulis, Agustinas 2487.
Esteban Corbella, Huerfanos 2634.
Rosenda Valenzuela v de Olivares, Herrera 765.
Micaela Espina, Esperanza 762.
Rosa Valenzuela de Carrasco, Libertad 765.
Maria M. Hidalgo de Villanueva, Delicias 2472.
Ester Rodriguez, Santo Domingo 2447.
Luisa Gautier, San Pablo 2465.
Eleodora Corrales, Cumming 544.
Mercedes Carvajal de Diaz, Bulnes 88.
Ricardo Araya, Manuel Mont, 2632.
Ignacia Mayayo, Bascuñan Guerrero 70.
Carmelo Valdivia, Bascuñan Guerrero 596.
Viviana de la Fuente, Salas 329.
Teresa A. v de Dartigues, Independencia 724.
Edelmira Castillo, Recoleta 848.
Maria Elena Muñoz, Independencia 810.
Eduvijis Uribe, Independencia 556.
Francisco Gutierrez, Andres Bello 656.
Constantino Fernandez G., Independencia 704.
Mme. Fauret, Buenos Aires 558.
Otto Reszezynski, Recoleta 301.
Maria Grosis v de Petermann, Jofre 416.
Francisca Marchant, Eyzaguirre 549.
Pedro Leon Reglat, San Isidro 142.
Jose Larroquette, Carmen 115.
Ventura Ortiz, Maestranza 542.
Clorinda Valenzuela, Marcoleta 390.
Sofia Oppissi, Marcoleta 514.
Juana Escobar, San Isidro 653.
Mme. Donais, Santa Rosa 115.
Dolores Ramirez de G., Santa Isabel 459.
A. D. de Gaultier, Marcoleta 535.
Saturnino Valenzuela, Jofre 320.
Gaspar 20. Quezada, Carmen 575.
Lucila Gonzalez, Lord Cochrane 710.
Humberto Michelli, Nataniel 208.
Amelia Gacitua, Arturo Prat 788.
Delfina Lacourt, Serrano 436.
Aurelio Corces, San Diego 142.
Manuel Hugand, San Diego 259.
Juana Echague, San Diego 715.
Elisa Herrera v de Muller, San Diego 334.
Eulojia Palominos, A. Prat 1042.
Mercedes Bravo de M., Condor 870.
Lazaro Piagneri, Nataniel 1034.
Juana Rosa Perez Hernandez, Galvez 560.
Domitila Turrieta de Tapia, A. Prat 353.
Zoila Rosa Vergara, Grajales 2039.
L. Garrido, Sazie 1939.
Florencio Gonzalez, Campo de Marte 55.
J. Carrasco, Gorbea 2053.
Candelaria Machuca, Domeyko 1768.
Margarita Caceres, San Ignacio 405.
Juana Contreras v de Castro, Echaurren 330
Leopoldo Doussant, San Ignacio 824.

LAUNDRIES—Continued.
Juan M. Real, Galvez 1157.
Luis Dusset, Arturo Prat 1193.
Miguel G. de la Plaza, San Diego 1221.

LEATHERS.
Alberto Cormatches, San Diego 268.

LIQUORS.
Sebastian Pueo, Lira 513.
Moises del Paramo, Galvez 538.
Adelina Cruz v de Leopendia (sucesion), Lord Cochrane 374.
F. Despouy, Chacabuco.
Hector Rosard, Chacabuco 69.
Luis Ferrari i Ca., Rosas 1883
Guerin Hnos, Baquedano 758.
Aurelio Pozo, Avenida Matta 792.
Cruz i Ca., Andres Bello 487.

LITHOGRAPHS.
Barros i Balcells, Moneda 837.
Alberto Saling, Riquelme 859.
Carlos Ulrich, Merced 809.
Carlos Goffi, Villavicencio 315.
Eduardo Cadot, Las Rosas 2253.
Leblanc, Monjitas 511.
Nicasio Ezquerra, Teatinos 86.
Luis Galvez, Libertad 534.
Sociedad Imprenta i Litografia Universo, Santo Domingo 3202.

MARBLES AND ARTIFICIAL STONES
Pedro Comondini, Morande 672.
J. Ceppi i Hno, Castro 78.
B. Ridel i Ca., Riquelme 836.
P. Arjenti i Ca., Cienfuegos 67.
Ramon Escudero, 12 Febrero 27.
Tomas Fernandez, San Pablo 1531.

MATTING.
Juan Gramunt, Lord Cochrane 577.

MATTRESSES.
Goitiandia Hnos., Santa Rosa 901.
Jose Muñecas i Ca., Ahumada 926.
Jose Maria Couso, Lord Cochrane 666.

MILLS.
Benjamin Velasco, Dominica.
Eduardo Matta Tagle, Avenida Tupper (Presidio).
Victor Villalon, Constitucion.
Luis Dumas i Ca., Bellavista.
Schiavetti Hnos, San Cristobal 26.
Gualterio Hugo, Bellavista 486.
Kaminski i Ca., Dominica 129.
Eulojio Perez Cotapos, Bellavista.
Sociedad Anonima, Fabricas Unidas de Fideos i Molineria, Independencia 1062.

MIRRORS.
Adolfo Schlack i Ca., Recoleta 1171.
Antonio Moder e hijos, San Francisco 180.

NAILS.
Juan Matte, Andes 3561.
Anjel C. Vicuña, Andes 3399.

NICKEL.
Bertrand Tisne, Delicias 1613.
Cesar Copetta, San Martin 70.
Carlos Lepke, Chacabuco 88.

OILS.
Compañia Industrial, Delicias 3045.
Schiavetti Hnos, San Cristobal 29.

ORGANS.
Orestes A. Carlini, Bellavista 75.

ORTHOPEDIC INSTRUMENTS.
Arturo Dussant, Fontecilla 136.

PAINTING.
Sebastian Marzocchi, San Antonio 10.
Pedro Legou, Bandera 823.

PAPER BAGS.
Ferran, Andes 3561.
Osvaldo Larrañaga, Esmeralda 736.
Francisco Julio G., Granado 539.
Maturana i Caceres, Garcia Reyes 23.

PATENT LEATHERS.
Manuel Urrestarazu, Franklin 1401.

PENS.
Picardo i Ca., Libertad 17.

PIANOS.
P. Verdi i Ca., Sotomayor.

PIPES AND CEMENT ARTICLES.
Garriga i Ca., Compañia 2412.
Sociedad Hermanos Grau, Matucana.

PHOTOGRAVURES.
L. Leblanc, Monjitas 511.
E. Guillermo 20. Helfmann, San Diego 93.

PLASTER STATUES.
S. Fazzini, Carmen 185.
Federico Fazzini, Casa de Maria 474.

PLASTER WORKS.

P. Broudissons, Echaurren 604.
Horacio Thayer Ojeda, Gay 1954.

PLAYING CARDS.

Placido Martin, Matucana 540.

PRESERVES.

Osvaldo Perez, San Diego 933.
Compañia Chilena de Conservas, Avenida de las Quintas 680.
Compañia Chilena de Conservas, Avenida Matucana 1365.

PRINTING.

S. Adeodato Garcia, Gay 1765.
Ponce Hnos, Nataniel 65.
Sociedad Santa Filomena, San Francisco 75
Froilan Alcaide, Independencia 361.
Sociedad Misionera, Moneda 2015.
Manuel A. Marquez, Riquelme 859.
F. Leblanc, Monjitas 311.
Infante i Aguirre, Teatinos.
Hugo Keymer, Ahumada 212.
Guillermo Miranda, Ahumada 51.
Emilio Perez L., Bandera 87.
Imprenta El Porvenir (actualmente La Union).
Gonzalo Montt, Bandera 50.
Arturo Calvo M., Bandera 201.
Federico Lathrop, Estado 137.
Leon Victor Caldera, Bandera 919.
Poblete Cruzat Hnos, Moneda 855.
Sociedad El Diario Popular, Bandera 268.
Carlos Ulrich, Merced 809.
Miguel A. Gargari (El Imparcial).
Borchert i Ruiz, Agustinas 826.
Sociedad El Diario Ilustrado, Agustinas 1061.
Arturo Vicuña Guerrero, San Antonio 431.
Ignacio Meza, Bandera.
Nicasio Ezquerra, Bandera 86.
Carlos Goffii, Villavicencio 315.
Ramon Zorrilla, Instituto 1365.
El Mercurio, Compañia 1214.
La Lei, Agustinas 867.
El Chileno, Bandera 604.
El Ferrocarril, Bandera 56.
Zig Zag, Teatinos 666.
Barros i Balcells, Moneda 837.
Carlos Cerda (Diario Oficial), Moneda 1434

QUARRIES.

Jorje Ossa, Cerro San Cristobal.
Teobaldo Brugnoli, Cementerio (Plazuela).
Junta de Beneficencia, Union.

SADDLERS.

Carlota de la Fuente, Puente 833.
Gustavo Placier, Ahumada 102.
Coudeu Camalez Hnos, Ahumada 219.
Jose Dolores Valenzuela, San Pablo 1441.
Ernesto Dupre, Alameda 1619.
Atilio Tribandino, Rosas 2216.
Nicolas Toro, Alameda 2199.
Evaristo Campo Lillo, Moneda 1513.
Francisco Viale, Catedral 1563.
Amelia Santander, San Pablo 3221.
Juan de Dios Magaña, San Pablo 3059.
Lucas Oviedo, Delicias 2815.
Domingo Chaparro, San Pablo 3149.
Francisco Scraso e Hijos, Diez de Julio 1634.
Teofilo Ouvien, Castro 48.
Miguel Carrier, San Diego 885.
Daniel Hernandez, Delicias 588.
Felipe Valenzuela, San Diego 1835.

SALT.

Juan Fermin Torres, Olivos 686.

SANDALS.

Mariano Villalba, San Pablo 741.
Mariano Acin, Independencia 174.
Amunarriz i Erreguerrena, Borgoño 945.
Pedro Dunoguier, San Diego 661-671.
Pedro Bastarrica, San Diego 642.

SHIRTS.

Juan Gumma, Dardignac 465.
Matas i Ca., Bilbao 49.
Leopoldo Santo Tomas, San Diego 301.
Tomas Peña, Alameda.
Rodriguez i Visedos, Ahumada 339.
Antonio Alvarez i Ca., Ahumada 142.
Juillerat e Hijo, Estado 212.
F. Batalle, Puente 502.
Louis Bottin, Bandera 243.
Manfredo Sternberg, Puente 727.
Encinas Hnos, San Pablo 1197.
Antonio Salinas, Estado 20.

SHOEMAKERS.

Juan Ramon Soto, Alameda 2140.
Pedro Ancich, Ahumada 220.
M. Aranda, 21 de Mayo 551.
B. Duran, Ahumada 146.
Ramon Marchat, Estado 121.
Nils Johnson, Ahumada 174.
Otto Hanse, Ahumada 271.
Olayo Paredero, Rosas 988.
Manuel Muñoz, Bandera 621.
Agustin Pepay, Ahumada 355.
Liberto Correa, Ahumada 39.

SHOEMAKERS—Continued.

Remuth i Ca., Ahumada 32.
Rosa Ahumada, Estado 270.
M. Diaz de Martinez i Ca., Estado 79.
Manuel Martinez, Rosas 940.
Antonio Clastrie, Estado 75.
Manuel J. Martinez Cerda, Estado 112.
Carlos Rouschke, Estado 234.
Maria Ahumada, Estado 307.
Felipe Vuletich i Ca., Estado 241.
Gavino Aartolozaga, Estado 95.
Ricardo Bustamante, Estado 59.
Manuel Gonzalez, Catedral 1043.
Domingo Cabrera, Compañia 1077.
Pedro Espinola, Rosas 960.
Manuel Muñoz Osorio, 21 de Mayo 582.
Nicolas Covarrubias, 21 de Mayo 587.
Francisco Bauza, Bandera 28.
Jaime Ferrer, Bandera 10.
Francisco Basas, Puente 755.
Fidel Gonzalez, Bandera 25.
Joaquin Llobet, Santo Domingo 949.
Pedro Pablo Jorquera, Santo Domingo 1110
Victor Gallardo, Alameda 393.
Juan Zuñiga, Alameda 467.
Antonio Ferrer, Alameda 773.
Bartolome Fluxa, Puente 765.
Adolfo Recabarren D., Morande 242.
F. Rouxel, Agustinas 859.
Justo Vasquez, Esmeralda 859.
Ismael Sandoval, San Antonio 396.
Jaime Cabra, 21 de Mayo 575.
Luis Guillermo Barrera, Esmeralda 871.
Ramon Chaves, Santa Rosa 78.
Tristan Gonzalez, Maestranza 660.
Dolores Lopez de R., San Isidro 91.
Pedro Lara, San Diego 1134.
Jose Riquelme, Avenida Matta 970.
Carlos S. del Rio, San Diego 1861.
Alcides Magneri, Avenida Tupper (Presidio).
Juan R. Garcia, San Diego 180.
Lorenzo Fluxa, San Diego 429.
Antonio Morales, San Diego 561.
Adtian Castro, San Diego 654.
Ismael Gomez, San Diego 624.
Agustin Gonzalez, San Diego 902.
Juan Cabrera, San Diego 1009.
Jose Rubio, San Diego 365.
Carolina Diaz v de G., San Diego 417.
Juan Ponce, San Diego 412.
Ramon Carrasco, San Diego 420.
Luis Astudillo, San Diego 516.
Manuel Lopez Rodriguez, Agustinas 1687.
Ramon Martinez, Moneda 1798.
Ramon Andres, San Pablo 1416.
Victor Manuel Olea, Agustinas 1925.
Luis A. Donoso, Moneda 2087.
Juan Sanson, Recoleta 879.
Pedro Vasquez, Independencia 372.
Julio A. Cerda, Independencia 244.
Pedro Catalan, Independencia 375.
Santiago Pareja, Bascuñan Guerrero 675.
Pedro Juan Moran, Avenida Latorre 3423.
Juan Cabexas, Toesca 3090.
C. Funier, Avenida Latorre 3457.
Jaime Carafi, Alameda 2890.
Rojas i Ca., Chacabuco 26.
Faustino Velardi, Alameda 2725.
Arenas i Araneda, Chacabuco 26A.
Amador Valdivia, Catedral 2674.
Victor Plaza, Chacabuco 50.
Prudencio 20. Morales, Chacabuco 72A.
Jose Lena, Delicias 2963.
Arturo Gonzalez, San Pablo 2390.

SOAPS.

Compañia Industrial, Delicias 3045.
Blas Arredondo Toro, San Diego 1175.
Benjamin Flores, Arturo Prat 1490.
Parrague Hnos, San Ignacio 1847.
Abadie i Clavel, Camilo Henriquez 660.
De la Guarda i Ca., 10 de Julio 561.
Isidro Regis, Calvez 1041.

SPAGHETTI.

Fortino Macaya, Mapocho 2925.
Rafael Fortunati, San Pablo 2795.
Baustista Quindos, Esmeralda 826.
Traverso i Lucchetti, Grajales 2060.
Peuna i Darrigrandi, San Francisco 608.
Vicente Guiffardi, Maestranza 112.
Antonio Rovegno e hijo, Purisima 231.
Fabricas Unidas de Fideos i Molineria, Independencia 620.

SPECIFICS.

Sociedad Anonima Laboratorio Chile, Avenida del Ecuador 3563.
Juan Araya E., Lourdes.
Luis Moutier i Ca., Dardignac 141.
Ana S. v de Greve, Ahumada.
Perez Barahona, Portal Fernandez Conh.
Otto Jahnke i Fritz, Agustinas.
Daniel E. Vial, Delicias 1286.
Fernando Doggenweiler.
Haeberle Hnos.
Klein Hnos, Huerfanos.

SPRINGS.

Andres Alesan, Av. Matta 2565.
Herminio Ubilla, Egaña 518.
Goitiandia Hnos., Santa Rosa 901.

SPRINGS—Continued.

Felix Copeta, Moneda 1507.
Jose Maria Couso, Lord Cochrane 666.

STARCH.

Jose A. Fernandez, Andes 3892.
Jose Antonio Saavedra, Mapocho 2618.
Juana Venegas, Mapocho 2656.

TAILORS.

Federico Simon, Casa Francesa.
Grote i Ca., Ahumada.
Carlos Justiniano i Ca., Salas.
Tomas P. Peña, Estado 98.
Enrique Valat, Ahumada 951.
Tomas Martinez Garcia, Portal Mac-Clure 495.
Abdon de la Cueva Hernandez, San Pablo 1077.
Ventura Alonso, Catedral 1077.
Eujenio Chaillot, Compañia 1029.
Juan Martinez F., Compañia 1029.
A. Deftiel, Pasaje Matte 27.
Luis Dufresne, Pasaje Matte 48.
Elias Chanut, Huerfanos 963.
Luis Correa, Catedral 1293.
Agustin Aravena, Rosas 951.
Ricardo Araneda, Rosas 951.
Manuel J. Silva, Merced 846.
Pascual i Rivano e hijos, Estado 29.
Jerman Diaz, Morande 693.
Avendaño Hnos., Ahumada 20.
Pedro Pablo Bravo, San Antonio 77.
Vicente Aceña, 21 de Mayo 705.
Salvador Falabella, Ahumada 82.
M. Maulme, Pasaje Toro 4.
M. Serveaux, Bandera 15.
Francisco Oppisso, San Antonio 130.
Manuel de la Prida, Puente 530.
Manuel A. Muma, Puente 586.
Jose Domingo Arce, Sama 1072.
Roman Garcia Paz, Puente 727.
Marcos F. Fontana, Ahumada 378 altos.
Enrique Valat, Ahumada 351 altos.
J. de R. Gonzalez, Puente 590.
A. Crochett, Bascuñan Guerrero 197.
Manuel Lourido Conde, Alameda de las Delicias 2826.
Frias Hermanos, Alameda de las Delicias 2892.
Frias Hermanos i Ca., Alameda de las Delicias 2824.
Nicolas Vallejos Gallo, San Pablo 2023.
J. Jirardin, Moneda 1008.
Federico de Rey, San Pablo 1730.
Lindor Galvez, Agustinas 1447.
Guillermo Araneda B., Catedral 1496.
Hipolito Gonzalez, Catedral 1471.
Santander i Ca., San Pablo 1986.
Victor Lasso, Agustinas 2170.
Pascual Escobar, Delicias 504.
Emilio Santos, San Diego 1101.
Pedro P. Guzman, Nataniel 46.
Francisco Contreras, Delicias 1110.
Prida Hnos., San Diego 426.
Gregorio F. Rivero, Arturo Prat 12.
Marco Aurelio Tapia, San Diego 101.
Fructuoso, Vergara, Nataniel 40.
Juan de la C. Valderrama, Nataniel 38.
Manuel Alvarez, Nataniel 26.
Amelia L. v de Abadie, Arturo Prat 20.
Ejidio A. Navia, San Diego 118.
Hipolito Rouby, Galvez 211.
Jerardo Tritini, San Diego 221.
Antonio de la Prida, San Diego 439.
Salomon Urzua, San Diego 640.
Agapito Martin, San Diego 298.
Garcia e Isla, San Diego 314.
Luis Ormezzero, Puente 634.
M. Siejer, Moneda 1039.
Victor Valdivieso i Ca., Bandera 70 a 74.
Narciso Concha, Compañia 1065.
Pedro Bayard, Agustinas 1027.
Enrique Barrios, Pasaje Balmaceda 4.
Alberto Fuentes, Merced 814.
Severino Torrealba, Compañia 1024.
Victor Manuel i Abel Gacitua, Huerfanos 947.
Querubin Hernandez, Compañia 1007.
Carlos Gene, Pasaje Matte 35.
G. Russo i Ca., Estado 35.
Biagnini Hnos., Ahumada 28.
L. B. de Ahumada, Estado 50.
Guillermo Ouvrard, Estado 341.
Pinaud i Polette, Estado 348.
Luis Chanut, Ahumada 364.
Arturo Blanchard, Estado 329.
Juan Rocco, Estado 56.
Emilio Pineda, 21 de Mayo 685.
Garcia i Palacios, San Pablo 912.
Rojelio Barros, San Antonio 340.
H. Bouzigues, Ahumada 345.
Francisco Albie, Agustinas 1025.
Edgard Lathover, Compañia 1057.
Pujos, Huerfanos 1072.
A. Johonson, Av. Portales 2738.
Jose Domingo Roman, Rosas 2816.
Rosendo Torneria, Chacabuco 15A.
Luis Prado, Chacabuco 90.
Carlos Vega, Bascuñan Guerrero 540.
Jose Frito, Union Americana 97.

WOOD CARVING.

Tomas R. Gonzalez, San Francisco 983.

TANNERIES.

Alberto Pinochet L., San Diego 1190.
Juan Copene, San Diego 1830.
Guillermo Heimpell, Av. Matta 1028.
Marinot i Lalanne, Chiloe 1926.
Jorje F. Marinot, Arturo Prat 1171.
Alfredo Elissegaray, San Diego 743.
Drien e Iratchet, Santiago 928.
Miguel Etchegoyen, Independencia 608.
Aycaguer i Duhalde, Bascuñan Guerrero 221.
Juan Miguel Etchepare, Amunategui 914.
Goyetche i Ca., Rosas 1653.
Fernando Caraves, Bascuñan Guerrero 298.

TENTS AND CURTAINS.

Luis Sibo, San Antonio 21.

TOBACCOS.

Valentin Faine Soler, Av. Campo de Marte 184 a 200.
Gonzalo Velasquez, Catedral 3152.
Juan Bautista Echeverria, Rosas 2789.
Leonidas Suau, San Pablo 3150.
Daniel Valencia, San Diego 542.

TRAVELLING BAGS., ETC.

Pedro Teixido, Delicias 2701.
Juan Puigrredon i Mora, Puente.
Atilio Tribandino, Las Rosas 2216.
Pedro Batmale, Brasil 533.
Teodoro Leible, Olivos 794.

TURNERY.

Victorino Caglieri, Garcia Reyes 146.
Julio Tixier, Condor 1380.
Perfecto Espinosa, A. Prat 747.

GLASSWARE.

Sociedad Fabrica Nacional de Vidrios, San Diego 2279.
Constantino Leureiro, Delicias 3045.

VINEGARS.

Gustavo A. Druschke, Miraflores 653.

SHOW CASES.

Adolfo Schlack i Ca., Recoleta 1171.

WATERPROOF.

Leon Yukovizki, Catedral 2265.
Velasquez Hnos, Catedral 3152.

WIRE NETTING.

Eduardo Matta Tagle, Av. Tupper (Presidio).
Jourdan i Noel, Arturo Prat 222.
Deustch i Vannini, San Pablo 1761.

WOOD PARQUETS.

Compañia Nacional de Parquets, Av. España 106.

WOVEN GOODS.

Juan B. Oyarzun i Ca., Padura 633.
Miguel V. Albrighi, A. Prat 325.
G. Corradi i Ca., Andes 3710.
Clorinda Gonzalez Gatica, Rosario 653.
Matilde Soto, San Diego 910.

LIST OF FACTORIES AND INDUSTRIES IN THE RURAL COMMUNES OF THE DEPARTMENT OF SANTIAGO.

BAKERIES.

Ismael Silva Palma, Renca.
Emilio Vergara, Quilicura.
Jovino Navarrete, Colina.
Jovina Bravo v de Aguilera.
Eusebio Pachado, Nuñoa.

BREWERIES.

Compañia Cervecerias Unidas, Providencia.

BRICK.

Juan 20. Dunner, Las Barrancas.
Marcos A. Iglesias, Las Barrancas.
Alberto Seco, Las Barrancas.

TANNERIES.

Alcides Magnere, Providencia.

FOUNDRY.

Eduardo Heyrand, Renca.

ICE.

Leandro Oggero, Providencia.

MILLS.

Cesar Costa, Providencia.
Ricardo Infante, Providencia.
R. R. P. P. Dominicos, Colina.
Enriqueta Larrain, Colina.

OILS.

Ricardo Infante, Providencia.
Pedro Castro, Las Barrancas.
Romulo Demuth Vicuña, Las Barrancas.
Alejandro Marin, Las Barrancas.

QUARRIES.

Isidro Gomez, Quilicura.
Salvador Vergara, Quilicura.

SAW MILLS.

Santiago Perez, Colina.

LIST OF DIFFERENT INDUSTRIES OF THE DEPARTMENT OF VICTORIA.

BAKERIES.

Fidel Angulo, San Bernardo.
David Carmona, Talagante.
Quintin Santa i Ca., San Bernardo.
Jaime Eapi i Ca., San Bernardo.
Ismael F. Llona, La Granja.
Dionisio Celery, Puente Alto.

BROOMS.

David Carmona, Talagante.

CARTS.

Manuel Ignacio Acevedo, San Bernardo.
Juan Cerreño, Puente Alto.

IRON WORKS.

Jose D. Catalan, Talagante.

MILL.

Sucesion Cruz, Daniel Ramirez, P. Alto.

NETTED GOODS.

Domingo Muñoz, Puente Alto.
Sociedad Anonima, Puente Alto.

PAPER AND CARDBOARD.

Sociedad Anonima, Puente Alto.

POWER.

Compañia Chilena, Calera de Tango.

SADDLERIES.

Miguel Ovalle, Talagante.

STARCH.

Carlos Reyes, Talagante.

WILLOW BASKETS.

Antonio Resmondi, Talagante.

LIST OF THE SEVERAL INDUSTRIES IN THE DEPARTMENT OF MELIPILLA.

BAKERIES.

Cristian Mujica, "El Monte."
Francisco Piñeiro, Melipilla.
Jose Tomas Gutierrez, Melipilla.
Rosa Santog, Melipilla.
Jose B. Espina, San Antonio.

BREWERY.

J. H. Meyer, Melipilla.

CARRIAGE WORKS.

Benjamin Compte, Melipilla.

FACTORY FOR ELABORATING WOOD.

Jose Vicente Elgueta, Melipilla.

PRINTING.

Jose 2o. Plaza, Melipilla.

SADDLERY.

Oddo i Sucini, Melipilla.

SOAPS.

Juan B. Mela, Melipilla.

STARCH.

Clodomiro Flores v de Maqueira, San Francisco del Monte.

TAILORING.

Guillermo Escoubouc, Melipilla.

DIRECTORY OF FARMERS.

Aranivar, Nicolas.....Hacienda, Arica
Aranivar, Nicolas.....Los Sones, Arica
Aranival, Nicolas.....Buena Vista, Arica
Hilligher, Rosa V. de.....Aroma, Pisagua
Hernandez, Fermin.....Taltape, Pisagua
Puch, David.....Camarones, Pisagua
Nebel, Alejandro M.,
Bodeguillas San Jose, Freirina
Marambio, Tomas.....La Victoria, Freirina
Marambio, Tomas.....Nicolasa, Freirina
Edwards, A., & Cia.....Bellavista, Freirina
Sucesion, Ossandon.....Chañaral, Freirina
Echaurren, Juan M....Longomilla, Vallenar
Mandiola, Manuel R....La Florida, Vallenar
Muñoz, Adelaida A. v de..Victoria, Vallenar
Marambio, Tomas.....Perales, Vallenar
Urquieta, Test J. H.,
Quebrada Honda, Vallenar
Gandarillas, Transito S. de,
Buena Esperanza, Vallenar
Soto, Marcial.....Los Llanos, Vallenar
Gallo, Suc. S. Nilo....Buen Retiro, Vallenar
Gonzalez, A. Alejandro,
Imperial Bajo, Vallenar
Gonzalez, A. Alejandro...Verbena, Vallenar
Fergie, Jorge.....Huiguera, Vallenar
Banco Credito Unido,
Hacienda Armidita, Vallenar
Gonzalez, Izaga & Cia..Barrancas, Vallenar
Espinosa, B. Benjamin....Marquesa, Serena
Munizaga, Test Isidoro A. de,
Altovalsol, Serena
Munizaga, Jose A. Valdes,
San Pedro Nolasco, Serena
Illanes, Juan,
San Jose de Bella Vista, Serena
Marin, Victor.....Cutun Bajo, Serena
Castro, Mercedes V. v de.Cutun Alto, Serena
Vicuña, Felix.....Pelicana, Serena
Lambert, Test Carlos..Las Maquinas, Serena
Marin, Delfin....Hacienda Compañia, Serena
Cifuentes, Juan F.Hacienda Serrana, Serena
Illanes, Maria Cisternas v de San Luis,
Serena
Galves, Isidoro.....Santa Ana, Serena
Cerda, Suc.....San Juan, Serena
Guerra, Juan Francisco.....Romero, Serena
Chirvin, Guillermo.....Sta. Elisa, Serena
Guerra, Juan F.San Juan del Romero, Serena
Galves, Isidoro.....San Pedro, Serena
Gonzalez, Mariano.....Loreto, Serena
Lambert, Test Carlos S.....Sauce, Serena
Galeno, Fidel.....Santa Amelia, Serena
Monrroy, Francisco C.....Quilacan, Serena
Ch., Test. Rosario M. v de..Saturno, Serena
Martin, Felix.....Florida, Serena
Marin, Marcial L.....Ceres, Serena
Varela, Test.....Bellavista, Serena
Rojas, Carmen C. de....Santa Cruz, Serena
Mery, Antonio.....Vista Bella, Serena
Marin, Mercedes C. de....Alfalfares, Serena
Vicuña, Test Benjamin..San Joquin, Serena
Varela, Benjamin Espinosa..Milagro, Serena
Martin, Felix.....El Pino, Serena
Alvarez, Roberto.....Santa Rosa, Serena
Garriga, Test.....Peñuelas, Serena
Gorrono, Pedro Jose.....Huancara, Elqui
Miranda, Ramon.....Marquesa Alta, Elqui
Amenabar, J. Daniel.....Compañia, Elqui
Muñoz, Test Pedro D.....Arenal, Elqui
Muñizaga Hnos.....Casablanca, Elqui
Iribarren, Bartolina R. v de,
Yungai i Milagro, Elqui
Herrera, Abelardo.....Zambo, Elqui
Miranda, Francisco J.....Punta Azul, Elqui
Naranjo, Carlos Joaquin...San Carlos, Elqui
Varela, Benjamin Espinosa,
Marquesa Baja, Elqui
Meri, Filomena P. v de.....Titon, Elqui
Fund, Sociedad Anonima de,
Todos Santos, Elqui
Peralta, Juan de D.....Tres Cruces, Elqui
Varela, Jose.....San Miguel, Elqui
Hernandez, Lino.....Paiguano, Elqui
Serena, Obispado de.....Paiguano, Elqui
Alcayaga, Jose S.....Chapilca, Elqui
Hernandez, Luis.....Viñita, Elqui
Marin, Test. Fructuoso.....Toro, Elqui
Alba, Olegario.....Bella Sombra, Elqui
Aguirre, Juan.....La Quebrada, Elqui
Ibarren, Adolfo.....Monte Grande, Elqui
Torres, Jose.....Pozo, Elqui
Iribarren, Test Juan A.....Carmen, Elqui
Rodriguez, Jose Lino,
Ciengos i Algoguas, Elqui
Rodriguez, Javiera R. v de..Las Casas, Elqui
Galeno, Test Fidel,
Pampa de Rivadavia, Elqui
Muñoz, Pedro P.....Algarrobal, Elqui
Amenabar, Benjamin.....Santa Elena, Elqui
Castro A., Rosario..Corazon de Jesus, Elqui
Espinosa, Ramon D.....San Ramon, Elqui
Cosgrove, Ines Scho v de,
Pan de Azucar, Elqui

Illanes, Test Juan.....El Carmen, Elqui
Muñoz, Test Juan.....Santa Ana, Elqui
Mery, Antonio.....San Antonio, Elqui
Ripamonti, Hijinio.....Retiro, Elqui
Serena, Obispado de la,
Santa Filomena, Coquimbo
Zorilla v de V., Rosa....Cerrillos, Coquimbo
Ripamonti, Hijinio...Las Cardas, Coquimbo
Mondaca, Aurora O. de...Los Loros, Ovalle
Monroi, Francisco Cortes.....Silleta, Ovalle
Herquiñigo, Mercedes H. v. de..Tuqui, Ovalle
Carmona, Antonio.....Tuqui, Ovalle
Alfonso, Test Antonio.....Camarico, Ovalle
Ossa, Carolina Ossa v de.....Quile, Ovalle
Ossa i Ossa, Blas.....Quile, Ovalle
Varela, Exequiel.....Chimba, Ovalle
Ossa v de Ossa, Carolina.....Limari, Ovalle
Ossa i Ossa, Blas.....Limari, Ovalle
Ossa v de Ossa, Carolina.....Siberia, Ovalle
Ossa, Clarina Gana v de.....Siberia, Ovalle
Astaburuaga, Felipe.....La Torre, Ovalla
Iribarren, Nestor..Bosques i Pabellon, Ovalle
Herrera, Felipe.....Cortadera, Ovalle
Ochoa, Juan.....Quebradita, Ovalle
Videla, Petronila P. v de.....Viña, Ovalle
Herquiñigo, Mercedes H. v de,
Huiguerilla, Ovalle
Vicuña, Amalia A. v de..Huiguerilla, Ovalle
Ariztia, Test Rafel.....Carachilla, Ovalle
Monroi, Fernando Cortes,
Guallillinga, Ovalle
Hnos, Alejandro Varela.....El Sol, Ovalle
Ahumada, Test Paulino.....Estancia, Ovalle
Ross, Lucia S. Miranda..Santa Lucia, Ovalle
Comp. Central de Cobre de Panulcillo,
Panulcillo i otros, Ovalle
Soler, Mariana V. v de.....Tuqui, Ovalle
Aguirre, Mercedes V. v de....Tuqui, Ovalle
Campaña, Isaac Varas.....Tuqui, Ovalle
Torreon, Alejo.....Samo Bajo, Ovalle
Maria, Felix.....Talahuen, Ovalle
Hnos, Gallardo,
Semita i Mundo Nuevo, Ovalle
Barrio, Test Marcos.....La Ortiga, Ovalle
Rivera, Martin.....La Cuestecita, Ovalle
Masnata, Test Alejandro....Cabreria, Ovalle
Aguirre, Mercedes Castro v de,
Los Mollos, Ovalle
Vicuña, Felix.....Valdivia, Ovalle
Varela, Carmen Aguirre v de,
Chañaral, Ovalle
Suarez, Gaspar.....Monte Patria, Ovalle
Monroi, Francisco Cortes,
Huanilla Hualutanis, Ovalle
Via, Test Senen Robles...Campanario, Ovalle
Claussen, Petronila Castro v de,
Juntas, Ovalle
Varela (A.), Enrique,
Puntilla de San Juan, Ovalle
Alvarez, Test Jose..Malpaso i Guana, Ovalle
Silva, Amelia Campos v de,
Bellavista, Combambala
Hernandez, Lino...Ramadillas, Combambala
O'Rian, Juan Villarroel,
Centinela, Combambala
Araya, Arinda F. de,
Valle Hermoso, Combambala
Monroi, Francisco Cortes,
Durazno, Combambala
Varas (V.), Arturo.....Cogoti, Cambambala
Hospital de la Serena..Hospital, Combambala
Montalva, Elias.....Tinajas, Combambala
Irarrazabal, Test Manuel J....Illapel, Illapel
Ramos, Francisco de B.....Peral, Illapel
Buzeta, Elena E. v de.....Bellavista, Illapel
Undurraga, Luis.....Pintacura, Illapel
Collao, Pedro P.....Tunga, Illapel
Cominidad.....Agua Fria Baja, Illapel
Infante, Luis A.....Puerto Oscuro, Illapel
Ahumada, Test Juan de,
Huentelauquen, Illapel
Infante, Juan de.....Totoral, Illapel
Infante, Jose Alejandro..Las Palmas, Illapel
Lohaze, Eugenio.....Espiritu Santo, Illapel
Comunidad.....Canela Alta, Illapel
Cuellar, C.....Canela Baja, Illapel
Castro, Jose.....Peralillo, Illapel
Echeverria, Guillermo.....Cgucgiñi, Illapel
Echeverria & Cia, Ramon,
San Agustin, Illapel
Palazuelo, Pedro E.....Las Casas, Illapel
Valenzuela, Cloridino.....Llimpo, Illapel
Echeverria, Vicente.....Cuncumen, Illapel
Echeverria, Vicente.....Chillepin, Illapel
Espinoza, Jose R.....Pedegua, Petorca
Espinoza, Melquiades....Callejones, Petorca
Ureta, Ignacio Siva.....Alicahue, Petorca
Prado, Jeses S.....Pedernal, Petorca
Espinoza, Melquiades.....Chalaco, Petorca
Alamos (C.), Ignacio.....Sobrante, Petorca
Garcia, Miguel Silva..Las Oficinas, Petorca
Valledor, Manuel Ruiz..Longotama, Petorca
Merced, Convento de la..Huaquen, Petorca
Silva (I.), Juan....Palo Colorado, Petorca
Huguet, Irrison.....Los Mquis, Petorca
Ariztia, Rafael.....Los Condores, Petorca
Vergara, Francisco.....Mauro, Petorca
Vicuña, Carmen M. de..Las Vacas, Petorca
Gatica, Miguel H...Agua Amarilla, Petorca
Silva (I.), Juan.....Conchali, Petorca

Huguqet, Teresa.....Los Maquis, Petorca
Montes, Miguel.....Tilama, Petorca
Flores, Marcial.....Huentalauquen, Petorca
Palazuelos, Sucesion Pedro E.,
Las Cañas, Petorca
Buzeta, Juan de D.....Limahuida, Petorca
Gatica, A.....Tambo i Tuhinco, Petorca
Echeverria, Julio.....Quelen, Petorca
Echeverria, Celia T. de.....Coiron, Petorca
Echeverria, Julio.....Tranquila, Petorca
Buzeta, Atalivar.....La Esperanza, Petorca
Baltra, Ignacio.....Las Casas, Petorca
Vargas, Suc. Jose Tomas..Quebradilla, Ligua
Mañan, Honorato.....Quinquimo, Ligua
Buzeta, Elena Erazo v de....Higuera, Ligua
Perez, Francisco de P.,
Tierras Blancas, Ligua
Solar, Pedro Aldunate..San Alfonso, Ligua
Ovalle, Olegario.....Cachagua, Ligua
Irarrazabal, Fernando.....Pullalli, Ligua
Baltra, Margarita del Campo v de,
Jaururo, Ligua
Seguro, Carmen Ovalle de Porto,
Catapilco, Ligua
Valle, Olegario.....Zapallar, Ligua
Cisternas, Antonio Larrain..Illalolen, Ligua
Humeres (G.), L.....Las Mercedes, Ligua
Humeres (V.), Ricardo.....Cabildo, Ligua
Humeres v de G., Mercedes,
Cartucho, Ligua
Cervero, Test.....Carlota, Ligua
Valledor, Sucesion Manuel,
Peña Blanca, Ligua
Buzeta, Elena Erazo v de..Huiguera, Ligua
Ureta, Ignacio Silva....San Lorenzo, Ligua
Humeres (G.), Sucesion L.,
Los Anjeles, Ligua
Salinas, Juan Francisco,
La Quebrada,Putaendo
Wagemann, Enrique,
San Jose de Piguchen, Putaendo
Subercasseaux, Francisco,
El Tartaro, Putaendo
Subercasseaux, Francisco,
La Vicuña, Putaendo
Ocampo, Carolina.....Bellavista, Putaendo
Zilleruelo, Ricardo.....Agustinos, Putaendo
Riesco, Francisco J.....Arrayan, Putaendo
Orostegui & Cia.....Santa Isabel, Putaendo
Santiago, Arzobipado de,
San Jose, Putaendo
Huidrobo, Jose Ignacio G.,
Santa Rosa, Putaendo
Huidobro, Borjas L. G.,
Las Varillas, Putaendo
Correa, Manuel Pedro...Catemu, Putaendo
Soc. Minas de Cobre de Catemu,
El Nilnue, Putaendo
Riesco, Alfredo.....Los Cerrillos, Putaendo
Huidobro, Jesus H.,
Las Compuertas, Putaendo
Riesco, Francisco Javier,
Las Vacas, Putaendo
Porras, Juan J..Chacra de Porras, San Felipe
Parracias, Benjamin de,
Las Vegas, San Felipe
Rios, Melentina V. v de,
Chacra Aconcagua, San Felipe
Sotomayor, Onofre,
Los Pimientos, San Felipe
Lastra, A. de.....La Lastraina, San Felipe
Magnan, Horato....El Carmen, San Felipe
Herrera (R.), Mercedes,
La Merced, San Felipe
Oward, Augusto,
Molino Merced Vega, San Felipe
Parreño, Señoras,
Molino Merced Vega, San Felipe
Oyaneder, Erasmo,
Molino Merced Vega, San Felipe
Valdiviso, Rosario,
Molino Merced Vega, San Felipe
Portus, Manuel Tapia,
Los Nogales, San Felipe
Castellano, Ramon..Los Nogales, San Felipe
Villanueva, Test Javier,
La Escuadra, San Felipe
Edwars, Juana Ross v de,
Quilpue, San Felipe
Gonzalez, Juan.....La Estrella, San Felipe
Olivares, Rosendo..La Estrella, San Felipe
Castillo, Elena U. v de,
La Estrella, San Felipe
Mardones, Test Blas,
Chacra Mardones, San Felipe
Mardones, Lutgarda,
Chacra Mardones, San Felipe
Banfi, Juan..Chacra Monasterio, San Felipe
Martel, Salustio.....La Palma, San Felipe
Baez, Test Federico..La Palma, San Felipe
Zamora, Pedro A...El Encanto, San Felipe
Avalos, Juan A.....El Encanto, San Felipe
Castillo, Amable....El Salvador, San Felipe
Carrera.....San Juan, San Felipe
Espinola, Adela Rosa i Elisa,
El Pino, San Felipe
Maldini, Test Roque....El Pino, San Felipe
Pomar, Luis.....El Retiro, San Felipe
Guilizasti, Test Manuel,
El Retiro, San Felipe

Rodriguez (C.), Jose M.,
Miravalle, San Felipe
Carrera, Leonor.....Salvador, San Felipe
Muñoz, Test Juan.....Salvador, San Felipe
Henriquez, Jose.....Salvador, San Felipe
Espinal, Marcial.....Maitenal, San Felipe
Espinola, Belisario..Las Marias, San Felipe
Edwars, Juana Rosa v de..Jahuel, San Felipe
Guilizasti, Test Manuel..Jahuel, San Felipe
Egaña, Virginia R. i Test M.,
Jahuel, San Felipe
Torres, Manuel.....Jahuel, San Felipe
Vargas, Serapio.....El Llano, San Felipe
Figueroa, Juan J.....El Llano, San Felipe
Baneficnecia de San Felipe,
La Capilla, San Felipe
Mardones, Romulo...La Capillo, San Felipe
Chinchon, Antonio....El Llano, San Felipe
Torres, Austin.....El Llano, San Felipe
Banco de Chile.....San Rafael, San Felipe
Contreras, Test Ignacio,
San Rafael, San Felipe
Lemus, Test Remijio..San Rafael, San Felipe
Espinola, Belisario....San Rejis, San Felipe
Ahumada, Esteban...La Placilla, San Felipe
Castro, Jose M...Las Maquinas, San Felipe
Ahumada, Juana A. v de,
Santa Gertrudis, San Felipe
Aragon, Carmen Soza v de,
Santa Ines, San Felipe
Carvallo, Eleuterio..Santa Ines, San Felipe
Segovia, Santiago..El Porvenir, San Felipe
Garcia (B.), Juan R..Santa Rosa, San Felipe
Donavaro, Luis, Hnos..San Luis, San Felipe
Zamerrelli, Augusto...San Luis, San Felipe
Contreras, Jose S....El Carmen, San Felipe
Larrain, Balmodero..Los Nogales, San Felipe
Ossa, Macario.....Los Olmos, San Felipe
Zamora, Francisco R. D.,
La Hermita, San Felipe
Espilnola, Belisario....San Rejis, San Felipe
Darruy, Test Bernardo,
San Miguel, San Felipe
Avendaño, Julio E...San Pablo, San Felipe
Avendaño, Test Sarvulo R.,
La Florida, San Felipe
Espinola, Belisario..San Miguel, San Felipe
Espinola, Belisario....San Rejis, San Felipe
Espinola, Belisario....Lo Calvo, San Felipe
Espinola, Belisario.....San Jose, San Felipe
Cerda, Test Jose de la..El Cobre, San Felipe
Espinola, Belisario....San Rejis, San Felipe
Oliva, Daniel.....Fundo, Andes
Avendaño, Mariana E. v de..Fundo, Andes
Lucero, Dinga. V. v de.....Fundo, Andes
Fuentes, Test Jose Agustin,
Playa Vieja, Andes
Araya, Hipolito.....Playa Vieja, Andes
Guzman, Miguel.....Playa Vieja, Andes
Molina, Matias.....Playa Vieja, Andes
Orrego, Alfredo.....Playa Vieja, Andes
Robles, Angel C.....Playa Vieja, Andes
Ramirez, Arturo.....Playa Vieja, Andes
Reyes, Luis A.....Playa Vieja, Andes
Reyes, Rigoberto.....Playa Vieja, Andes
Soto, Venceslao.....Playa Vieja, Andes
Trincado, Ramon.....Playa Vieja, Andes
Trincado, Erasmo.....Playa Vieja, Andes
Videla, Eduardo.....San Rafael, Andes
Avendaño, Froilan.....Lo Avaria, Andes
Baltra, Ignacio..San Pedro Alcantara, Andes
Villar, Test Jose A. del,
San Pedro Alcantara, Andes
Lemus, Corima.....Cerro Verde, Andes
Lepe, Froilan.....Cerro Verde, Andes
Letelier, Test Venceslao....Curimon, Andes
Lara, Francisco.....Curimon, Andes
Mardones, Manuel C....San Rafael, Andes
Oliva, Daniel.....San Rafael, Andes
Rios, Malentina V. v de..Culunquen, Andes
Marin, Test Isidra.....Culunquen, Andes
Torres, Belisario.....Curimon, Andes
Valdes de N., Elvira.....Curimon, Andes
Vargas, Jose Tomas.....Curimon, Andes
Briceño, Luis.....Curimon, Andes
Tuñon, Mercedes.....Curimon, Andes
Mordones, Ernesto.....Curimon, Andes
Cotapos, Test Luis Perez...Lo Blaco, Andes
Mardonez, Anibal.....San Roque, Andes
Mellafe, Mercedes v de.....Olivar, Andes
Mesias, Arsenia Reyes v de...Olivar, Andes
Rosendo, Luis.....Olivar, Andes
Federici, Jose.....Olivar, Andes
Avendaño, Test Jose M.....Olivar, Andes
Bezamat, Augusto.....El Tigre, Andes
Aguirre, Test Jose A.....El Pince, Andes
Baltra, Ignacio.....El Guindal, Andes
Huidobro (P.), Carlos...El Guindal, Andes
Huidobro (P.), Ismael...El Guindal, Andes
Tello, Carlota.....Caldera, Andes
Avendaño, Test Jose M..El Castillo, Andes
Larrain, Test Benjamin.....Pigue, Andes
Bejares, Agustin Villarroel v de,
Patagual, Andes
Korner, Victor.....Los Robles, Andes
Rodriguez, Lindor.....El Maiten, Andes
Fabres, Gonzalez.....Santa Rosa, Andes
Huidobro (S.), Javier..San Vicente, Andes
Reyes, Ejidio.....San Vicente, Andes
Monroy, Emilia Cortes..San Vicente, Andes

Mordoñez, Alfredo.....Tabon, Andes
Guiroja, Eliseo...Coquimbito Recreo, Andes
Fuentes, Corina Araya v de,
Coquimbito Recreo, Andes
Vargas, Test Jose T.....El Pino, Andes
Novoa, Elvira Valdes de..Rinconada, Andes
Aspillaga, Eduardo.....Recreo, Andes
Galdsworthy, Santiago..San Joaquin, Andes
Honorato, Benjamin....San Joaquin, Andes
Vargas, Antonio del C..San Joaquin, Andes
Fuentes, Corina Araya v de,
San Joaquin, Andes
Herrera, Horacio.....El Jardin, Andes
Acuña, Emilio.....Capilla, Andes
Honorato, Benjamin.....Las Casas, Andes
Rodriguez de C., Juana..El Carmen, Andes
Santelises, Anjel.....El Carmen, Andes
Errazuris (U.), Rafael.....Injenio, Andes
Errazuris (U.), Jose Tomas..Hornos, Andes
Errazuriz (U.), Rafael.....Casas, Andes
Cotapos, Antonio Perez...Santa Julia, Andes
Freire, Fernando.....Palomar, Andes
Brown, Guillermo.....Escorial, Andes
Alcalde, Vicente.....San Roque, Andes
Montt, Benjamin.....San Roque, Andes
Sanchez, Enrique.....San Roque, Andes
Errazuriz (U.), Rafael...San Roque, Andes
Zamora, Manuel.....San Roque, Andes
Villanueva, Javier.....Los Molinos, Andes
Undurraga, Julia E. de...Lo Ocampo, Andes
Cox, Jorge.....Las Zorras, Valparaiso
Ulloa, Jose.....Las Zorras, Valparaiso
Rocuant, Toribio.....Las Zorras, Valparaiso
Solari, Bartolome.....Ramaditas, Valparaiso
Justiniano, Carolina C. v de,
Manzana No. 4, Valparaiso
Otaegui, Ramon.....Ramaditas, Valparaiso
Peña (W.), Enrique,
Pasage Santiago, Valparaiso
Ross, Lucia S. M. de..Le Ceniza, Valparaiso
Ross, Lucia S. M. de,
Valle del Duque, Valparaiso
Soffia, Manuel J....Santa Irene, Valparaiso
Otaegui, Domingo....Curaumilla, Valparaiso
Barra, Bernardo de la..Curauma, Valparaiso
Potable, Empresa de Agua,
Quebrada Verde, Valparaiso
Bastia, Alberto,
Santa Teresa de Baldo, Limache
Velasco, Vicente.....La Trinidad, Limache
Montane, Test...Bajo de Limache, Limache
Vicuña, Claudio.....Llui-Llui, Limache
Valenzuela, Test....Lo Valenzuela, Limache
Ward, Carlos.....Fundo Loreto, Limache
Dupuch, Test B.....La Hermanita, Limache
Swett, Carlos.....San Carlos, Limache
Montt, Lorenzo.....Santa Rosa, Limache
Valenzuela, Manuel...San Manuel, Limache
Brand, Guillermo.....El Rosario, Limache
Rio, Artemio del.....Villa Angela, Limache
Eastman, Test Tomas,
Hacienda de Limache, Limache
Eastman, Adolfo....Lo Urmeneta, Limache
Borgoño (M.), Jose Luis,
Concon Bajo, Limache
Rojas, Matilde S. de..Concon Alto, Limache
Vergara (V.), Blas,
San Victor de Concon, Limache
Sanfuentes, Juan Luis...El Retiro, Limache
Valencia Hnos.....El Retiro, Limache
Fierro v de E., Enriqueta..El Retiro, Limache
Huguet, Teresa Canape de,
Chacra Huguet, Quillota
Campaña, Tomoteo,
Viña "Lo Lopez," Quillota
Solari, Test...Cajon de San Pedro, Quillota
Dueñas, Luis A,
Hijuelas de las Casas, Quillota
Dueñas, Rosa I. v de..Santa Rosa, Quillota
Edwards, Juana Ross v de,
Las Cruzadas, Quillota
Varela, Federico.....Lo Varela, Quillota
Valle, Arturo.....Lo Venecia, Quillota
Dueñas (G.), Alfredo...Miraflores, Quillota
Carrera, Javier D.....La Capilla, Quillota
Dueñas, Modesta.....La Capilla, Quillota
Dueñas (G.), Benigno..La Capilla, Quillota
Dueñas, Antonia.....Esmeralda, Quillota
Araya, Jose Lorero.....El Molino, Quillota
Dueñas, Alfredo.....El Molino, Quillota
Cifuentes, Absalon.....El Molino, Quillota
Lyon, Carmen Santa Maria de,
Santa Teresa, Quillota
Herboso, Francisco,
San Miguel de Corona, Quillota
Echaurren, Victor..Villa Mercedes, Quillota
Errazuris, Esteban.....El Progreso, Quillota
Vicuña, Roman.....Nueva Iberia, Quillota
Paulsen, Fernando.....Esmeralda, Quillota
Chaigneau, Fernando,
Viña Chaigneau, Quillota
Ariztia, Rafael.....La Palma, Quillota
Edwards, Test Agustin..San Isidro, Quillota
Larrain, Jose Manuel....San Isidro, Quillota
Vicuña, Ramon.....San Isidro, Quillota
Garnham, Maria Moreno de,
La Cruz, Quillota
Cruz, Vicente Santa,
Espina i San Rafael, Quillota
Bercosque, Francisco....Esmeralda, Quillota

Velarde, Test Luis Martinez, Santa Ana, Quillota
Viscaya, Ernesto.....Santa Ana, Quillota
Cardemi (R.), Alfredo..Santa Ana, Quillota
Cardemi (R.), Ignacio..Santa Ana, Quillota
Silva, Rudecindo.....Molino, Quillota
Morel, Miguel.....San Jose, Quillota
Cousiño, Carlos.....San Jose, Quillota
Geiger, Juan.....Palmilla, Quillota
Diaz, Abraham i T.....La Calera, Quillota
Cousiño, Carlos.....La Calera, Quillota
Arancibia, Ruperto.....La Calera, Quillota
Silvia de la F., Alejandro..La Calera, Quillota
Garcia (M.), Virginia Flores v de, Rabuco, Quillota
Maria, Ascanio Bascuñan Santa, Palmas, Quillota
Echeverria, Francisco de B., Gualcapo, Quillota
Echeverria (E.), Dolores..Maitenes, Quillota
Orbeta, Ignacio.....Ocoa, Quillota
Irarrazaval, Eugenio Guzman, Vista Hermosa, Quillota
Rojas v de L., Martina.....Ocoa, Quillota
Morande, Ismael, Puntilla de Romeral, Quillota
Pereira, Eulogio.....Sombras, Quillota
Pereira, Eulogio.....Peruhue, Quillota
Edwards, Juana Rosa de..Ucuquer, Quillota
Morande, Testamentaria Ramon, Palmas de Llai-Llai, Quillota
Prieto, Genaro.....Santa Teresa, Quillota
Ibarra, Miguel.....Estancilla, Quillota
Campino, Eduardo.....Los Loros, Quillota
Echenique, Joaquin.....Vichinculen, Quillota
Letelier, Elena.....Las Masas, Quillota
Letelier, Teresa.....Las Masas, Quillota
Errazuriz. Javier.....Santa Rosa, Quillota
Tupper & Cia, Fernando..Las Vegas, Quillota
Morande, Florencia.....El Molino, Quillota
Nuñez, Testamentaria Jose J., San Pedro, Quillota
Feuvre, Rene F. de le....El Verjel, Quillota
Edwards, Testamentaria Agustin, Conchali, Quillota
Llona, Juana.....San Agustin, Quillota
Sotomayor, Jose i Rodolfo, El Rabanal, Quillota
Reginato, Jose.....El Olivo, Quillato
Edwards, Juana Ross v de..Pucalan, Quillota
Baryer Carlos .....Lo Rojas, Quillota
Eastman, Arturo.....Caqui, Quillota
Nuñez, Test Jose Jesus....Palmilla, Quillota
Brown, Maria I.....Olivo, Quillota
Edwards, Test Agustin....La Peña, Quillota
Irarrazaval, Test Manuel J..Artificio, Quillota
Osma, J. Domingo de, Litres Chacras, Quillota
Salas (U.), Edwards..Los Nogales, Quillota
Brown, Maria I.....El Melon, Quillota
Baltra, Test Ignacio, Los Tomos i Cerro Colorado, Quillota
Silva, Rosa Iñiquez de, Chillicauquen Alto, Quillota
Iñiguez, Eugenio.. Chillicauquen, Quillota
Quesada, Belisario Rojas Placilla, Quillota
Salas, Francisco de P..Valle Alegre, Quillota
Undurraga, Octarviano...Quintero, Quillota
Goyenechea de C., Test Isidora, Quintero, Quillota
Portales, Manuel Cerda...Dumuño, Quillota
Ariztia, Jorge i Anibal.....Colmo, Quillota
Brito, Jose.....Carrizo, Quillota
Larrain, Jose Liborio.....Ranten, Quillota
Larrain, L., i J. A. Bravo..Rotunda, Quillota
Vargas, Señoritas Amor, Ovalle Abajo, Quillota
Amor, Juan Valdivieso, El Principal, Quillota
Valdivieso (A.), Juan, A. V. Amor, Las Mercedes, Quillota
Amor, Test Pedro J..Carpintero, Casablanca
Vergara, Demetrio, Paso de Tapihue, Casablanca
Elizalde, Teresa Carvallo v de, Santa Teresa de Viñilla, Casablanca
Ruz, Manuel, San Fermin de Viñilla, Cacablanca
Montt, Alberto, i Pedro Montt Perez, Tapihue, Casablanca
Godoi, Clodormiro.....La Vega, Casablanca
Montt, Rafael.....La Vega, Casablanca
Montt, Test Anacleto..Las Rosas, Casablanca
Hurtado (L.), Alberto, Los Perales, Casablanca
Hurtado (L.), Guillermo, Los Perales, Casablanca
Sofia, Basilio A.....Santa Rita, Casablanca
Hurtado, Test Jose.....Orozco, Casablanca
Sofia, Diego A.....Porvenir, Casablanca
Penjean, Test Luis, Santa Adelaida de Pitama, Casablanca
Cruzat, Ramon Valdivieso, San Francisco de Pitama, Casablanca
Vergara, Blanco.....Las Tablas, Casablanca
Paragallo, Manuel.....Moscozo, Casablanca
Cervero, Test Joe....Los Molles, Casablanca
Larrain, Emilia...Santa Matilde, Casablanca
Farnceses, Padres....La Capilla, Casablanca
Casal, Alberto.....Los Coligues, Casablanca

Larrain, Patricio..Las Piedaras, Casablanca
Guimaraens, Vasco V.,
Los Quillayes, Casablanca
Ines, Arturo Ross.....Pequen, Casablanca
Vicuña, Claudio.....Las Palmas, Casablanca
Municipalidad de Valparaiso,
Las Palmas, Casablanca
Balmaseda, Jose E,
Casablanca del Medio, Casablanca
Castro (S.), Cuperino,
Casablanca Abajo, Casablanca
Balmaseda, Jose Elias,
San Jeronimo, Casablanca
Balmaseda, Jose Elias,
San Jeronimo, Casablanca
Cerda, Teofilo.....Orego Arriba, Casablanca
Hurtado, Julio....Orego Abajo, Casablanca
Mena, Rosario....San Francisco, Casablanca
Gonzalez, Ojeda y,
Valle Hermoso, Casablanca
Hurtado R., Adolfo,
Los Arraynes, Casablanca
Nieto, Ramon.....Coralillo, Casablanca
Barros, Alberto..Rosario Arriba, Casablanca
Igualta, Nicolas.....Tunquen, Casablanca
Crespo, Margarita.....Llampaico, Casablanca
Riesco, Pedro M.....San Juan, Casablanca
Darroyz, Luis E.....El Batro, Casablanca
Cifuentes, Gertrudis....La Videla, Santiago
Cifuentes, Absalon,
Santa Rosa de Huechuraba, Santiago
Donoso, Rosario Gatica v de,
San Ignacio, Santiago
Huidobro v de P., Perpetra,
La Palma, Santiago
Mandiola, Adrian.....Huechuraba, Santiago
Ovalle, Alejandro,
Santa Rosa de Huechuraba, Santiago
Beneficencia, Sociedad de,
Independencia, Santiago
Bezanilla, Luis.....Independencia, Santiago
Mate, Augusto.....Huanaco, Santiago
Solar, Eulogio.....Palmilla Huch, Santiago
Ovalle, Abraham,
El Carmen de Huechuraba, Santiago
Sanchez, Enrique,
Chacra de San Ignacio, Santiago
Salas, Victor.....Santa Margarita, Santiago
Aguirre, Jose Joaquin....Conchali, Santiago
Fontecilla, Emilia Aranguiz,
Lo Aranguiz, Santiago
Vergara, Pedro Donoso.La Tercia, Santiago
Leon, Marcelino.....Dominica, Santiago
Lemus, Test Alejo.....Lo Lemus, Santiago
Riesco, Alberto.....El Salto, Santiago
Matte, Domingo...Santo Domingo, Santiago
Prado, Test.....Monserrate, Santiago
Guzman, Gabriel Palma.La Palma, Santiago
Urmeneta, Test Jose Tomas,
Quinta Bella, Santiago
Schiavetti Hnos,
Molino San Cristobal, Santiago
Borgoño, Manuel Barros,
Quinta Bella, Santiago
Espoz, Moises.....Lo Recabarren, Santiago
Herrera, Anjel.....Lo Manquehue, Santiago
Martinez, Test Diego A,
La Contador, Santiago
Ossa v de D., Carmela..La Dehesa, Santiago
Amunategui, Miguel Luis,
Lo Garces, Santiago
Borgoño, Luis Barros..Lo Saravia, Santiago
Cañas O., Diego.....Los Castaños, Santiago
Comas, Miguel.....Lo Beltran, Santiago
Hernandez, Denegri.....Lo Lillo, Santiago
Espoz, Moises.....El Castillo, Santiago
Montt, Manuel Gallo.....Lo Gallo, Santiago
Perez, Ricardo Matte....Lo Valle, Santiago
Perez, Ricardo Matte....San Luis, Santiago
Mandiola, David.....Santa Julia, Santiago
Palacios v de V., Carmen.Lo Matta, Santiago
Renjifo, Osvaldo.....Lo Sardi, Santiago
Concha, Pedro Fernandez,
Los Condes, Santiago
Solar, Viuda de Borja,
Lo Fontecilla, Santiago
Besoain, Joaquin Diaz....Tobalaba, Santiago
Echenique, Joaquin....Santa Ines, Santiago
Concha, Pedro Fernandez,
San Pascual, Santiago
Gandarillas, Jose Luis....San Jose, Santiago
Guzman I., Eugenio...Santa Julia, Santiago
Guzman I., Eugenio,
Baños de Apoquindo, Santiago
Gonzalez v de O., Juana,
Avenida Irarrazaval, Santiago
Holley, Adolfo.San Jose de Nuñoa, Santiago
Lemus, Test.....Lo Campo, Santiago
Marin, Federico.....Don Bosco, Santiago
MacClure, Roberto...Los Maitines, Santiago
Mujica, Adolfo..San Juan de Dios, Santiago
Olea, Luis Ricardo....Las Arañas, Santiago
Orellana, Manuel.Avenida Larrain, Santiago
Plaza, Vicente..Camino Lo Cerda, Santiago
Dominicana, Comunidad,
Apoquindo, Santiago
Cerda, Enrique Rodriguez,
Avenida Ossa, Santiago
Soto, Valentin...Avenida Larrain, Santiago
Tellez, Emilio.....La Cerda, Santiago

Castro, Loreto Tellez de.La Cerda, Santiago
Camuz, Angela Tellez de.La Cerda, Santiago
Troncoso P., Daniel.....La Cerda, Santiago
Walker M., Joaquin.....Placilla, Santiago
Arrieta, Jose.....Pañalolen, Santiago
Arrieta, Luis....Parque Pañalolen, Santiago
Cousiño, Arturo.....Macul, Santiago
Cousiño, Arturo,
Avenida Irrarrazaval, Santiago
Tocornal, Carlos.....Hermida, Santiago
Espinola, Belisario.....Hermida, Santiago
Gandarillas, Honorio.....Macul, Santiago
Gandarillas, Maria de la L..Macul, Santiago
Gandarillas, Dolores.....Macul, Santiago
Gandarillas, Perpetua.....Macul, Santiago
Gandarillas, Jose Luis...San Luis, Santiago
Gandarillas, Jose Victor,
Santa Rosa, Santiago
Ossa, Luis.....Lo Tocornal, Santiago
Ossa de D., Carmen.....La Raina, Santiago
Prieto, Joaquin.....Santa Rosa, Santiago
Tocornal, Carlos i Laura.Hermida, Santiago
Varas, Lupercio.....Lo Plaza, Santiago
Videla, Felix.....Santa Rosa, Santiago
Larrain, Julia Gandarillas de,
Macul, Santiago
Gandarillas, Manuela....San Luis, Santiago
Cuadra v de M., Rosario.Lo Bravo, Santiago
Camalez Hnos.....Curtiembre, Santiago
Garcia, Test Ramon,
Pedro Valdivia, Santiago
Beneficencia, Societa de,
Hospital del Salvador, Santiago
Santiago, Municipalidad de,
Vitacura, Santiago
Jesuitas, Pedro.....Azolas, Santiago
Videla, Felix.....Quilpue, Santiago
Prieto, Joaquin.....La Lata, Santiago
Cuevas, Suc. Manuel.....Cintura, Santiago
Cañas, Domingo.....Nuñoa, Santiago
Eyquien, Miguel.....San Miguel, Santiago
Edwards, Guillermo,
Lo Valdivieso, Santiago
Irarrazaval, Teresa Edwards v de,
Cintura, Santiago
Concha, Pedro Fernandez,
El Carmen, Santiago
Gandarillas, Jose Victor..La Legua, Santiago
Matte, Suc. Eduardo...El Mirador, Santiago
Pereira, Emilio Marchant,
Mirador Negro, Santiago
Pereira, Luis.....Santa Carolina, Santiago
Mujica, Roberto Suarez,
Lo Encalada, Santiago
Zañartu, Anibal.....Traro, Santiago
Solar, Test Borea.....Lo Solar, Santiago
Valdivieso, Nicolas....Santa Elena, Santiago
Solar, Benjamin Vicuña..Lo Solar, Santiago
Gandarillas, Dolores.....Macul, Santiago
Gandarillas, Honorio.....Macul, Santiago
Delano, Eduardo ..San Jorge, Santiago
Izquierdo, Test Samuel...La Feria, Santiago
Jara-Quemada, Lutgarda,
San Nicolas, Santiago
Mena, Rosario.....El Guindal, Santiago
Montel, Bruno...Poblacion Montel, Santiago
Ochagavia, Silvestre,
Chacra Ochagavia, Santiago
Prat, Julio.....La Piramide, Santiago
Prat, Julio..Hijuela de Ochagavia, Santiago
Ruiz, Aurelio,
Hijuela de Ochagavia, Santiago
Subercasseaux, Ramon,
Chacra Subercasseaux, Santiago
Hurtado, Silvina.....La Cuadra, Santiago
Sierra, Dolores.....Lo Espejo, Santiago
Golfet, Paulina H. v de.Lo Espejo, Santiago
Valledor, Test Joquin.Lo Valledor, Santiago
Comaches, Antonio....Lo Valledor, Santiago
Montt, Fermin Vergara,
El Carmelo, Santiago
Mena, Mercedes.....Lo Mira, Santiago
Silva, Josefina R. v de....Lo Mira, Santiago
Silva, Test.....Lo Mira, Santiago
Floto, Adolfo.....El Retamo, Santiago
Costa, Juan B.,
San Antonio del Recreo, Santiago
Hnos, Anjel Calatroni,
La Esperanza, Santiago
Amengual, Pedro L....Chuchunco, Santiago
Albano, Toribio Corea,
Los Cerrillos, Santiago
Sermini, Francisco....San Andres, Santiago
Edwards, Eduardo,
Las Palmas de Chuchunco, Santiago
Fornilou, Odilon.....Santa Maria, Santiago
Gandarillas, Dolores,
Los Nogales 20, Hijuela, Santiago
Sotomayor, Santiago..Santa Adela, Santiago
Hidalgo, Antonio.....La Blanca, Santiago
Mujica, Andres.....La Magallanes, Santiago
Rivas, Ramon,
San Jose de Chuchunco, Santiago
Sotomayor, Abelardo,
Vista Alegre, Santiago
Echeverria, Francisco de B.,
Chacra Dolores, Santiago
Valdes, Raimundo.....La Aguada, Santiago
Beneficencia, Establecimiento de,
Lo Valledor, Santiago

Foster R., Manuel.....El Bosque, Santiago
Rivas, Ramon.....La Laguna, Santiago
Hidalgo, Antonio,
Mirador de los Cerrillos, Santiago
Fuentes, Absalon.....Santa Maria, Santiago
Ossa, Felipe i Carmen..Las Rejas, Santiago
Reyes, Vicente.....El Llano, Santiago
Tiffon, Teodoro..Camino Melipilla, Santiago
Rivas, Ramon.....Los Nogales, Santiago
Vial, Alejandro.....Los Pajaritos, Santiago
Valenzuela, Leopoldo.....Maipu, Santiago
Ortuzar v de C., Benigna,
El Bosque, Santiago
Cuevas, Conrado.....Lo Espejo, Santiago
Cerda, Victor Infante,
Espejo del Carmen, Santiago
Huidobro, Vicente...El Encañado, Santiago
Cerda, Luis Infante.....Maipu, Santiago
Riesco, Laura Loma de,
Loma Blanca, Santiago
Llona, Carlos i Alberto.....Maipu, Santiago
Cerda, Tomas.....Rinconada, Santiago
Coo, Jose i Ramon L.,
Espejo del Carmen, Santiago
Riesco, Jerman.....Loma Blanca, Santiago
Vial, Alejandro,
Rinconada de Espejo Hijue la Sur, Santiago
Blanco, Teodoro...Santa Filomena, Santiago
Ocampo, Ramon.....Gomero, Santiago
Errazuriz, Test Francisco,
La Laguna, Santiago
Llona, Alberto.....El Rosal, Santiago
Llona, Elena, Dorotea i Carmen,
Barrancas, Santiago
Llona, Elena, Doroteo i Carmen,
Pudahuel, Santiago
Llona, Carlos.....Casas Viejas, Santiago
Llona, Emiliano.....La Fortuna, Santiago
Maria, Federico Santa..El Coronel, Santiago
Plantaciones, Sociedad de,
El Gomero, Santiago
Zelada, Francisco,
Camino de los Pajaritos, Santiago
Fontecilla, Filomeno,
Camino de los Pajaritos, Santiago
Diaz, Eulogio,
Camino de Valparaiso, Santiago
Balmaseda, Elias.....La Punta, Santiago
Pinto B., Toribio.....Pudahuel, Santiago
Larrain Z., Ignacio.....Lo Aguirre, Santiago
Zegeres, Julio.....El Noviciado, Santiago
Balmaceda, Daniel.....Lipangui, Santiago
Balmaceda, Daniel.....La Punta, Santiago
Balmaceda, Ramon.....Peralillo, Santiago
Balmaceda, Ramon.....Peralito, Santiago
Balmaceda, Elias.....La Punta, Santiago
Martinez, Miguel.....El Retiro, Santiago
Besa, Jose Victor.....El Transito, Santiago
Calmelos, Casimiro.....Villana, Santiago
Carmona, Antonio.....Las Lomas, Santiago
Ebner, Antonio.....San Antonio, Santiago
Guzman I., Eugenio,
Lo Prado Abajo, Santiago
Gutierrez E., Salvador..El Mirador, Santiago
Larrain, Tomas.....Lo Azola, Santiago
Manuel, Jorge.....Lo Espejo, Santiago
Valle, Arturo.....Lo Espejo, Santiago
Prado, Absalon.....Lo Espejo, Santiago
Gutierrez, Jose Ramon.San Ramon, Santiago
Simonetti, Domingo,
Vicuña Guerrero, Santiago
Sanhueza, Santiago...Cerro Navia, Santiago
Sicamois, Alfredo.....Lo Franco, Santiago
Vial, Ricardo.....Lo Prado Arriba, Santiago
Zuñiga, Eloisa.....Lo Vargas, Santiago
Bruna, Victor.....Lo Zaez, Santiago
Elizalde, Carmen.....Lo Sanchez, Santiago
Guzman, Cornelio.....Peregil, Santiago
Monasterio del Carmen...Lo Saez, Santiago
Bruna, Agusto.....Lo Saez, Santiago
Salas, Adelina.....Santa Juana, Santiago
Salas, Remigio.....Santa Juana, Santiago
Undurraga, Victor....Santa Juana, Santiago
Vergara, Salvador....Lo Campino, Santiago
Vergara, Salvador..Lo Echeverria, Santiago
Alfaro, Test Bernardino,
Lo Cruzat, Santiago
Vergara, Salvador.....Lo Ovalle, Santiago
Caravajal, Bernardo.La Esmeralda, Santiago
Costa, Test Vicente,
Bajos de Jimenez, Santiago
Zegara, Julio 2o.....Santa Ana, Santiago
Gomez, Test Isidro.....Lo Ruz, Santiago
Montt, Enrique..Camino de Renca, Santiago
Nieto Ramon.....La Trinidad, Santiago
Gutierrez, Gumercindo,
La Trinidad, Santiago
Ovalle, Josefa Vicuña de,
La Trinidad, Santiago
Vergara, Emilio.....El Molino, Santiago
Zañartu, Manuel.....Lo Cruzat, Santiago
Zegers, Julio 2o.....San Luis, Santiago
Salas, Test Remigo,
Santa Margarita, Santiago
Salas, Test Remigio..Huamachuco, Santiago
Opazo, Nicanor.....La Union, Santiago
Opazo, Nicanor.....Chorrillos, Santiago
Mandujano, Francisco...Chorrillos, Santiago
Espinosa, Ramon Bañados,
Chorrillos, Santiago

Marcoleta, Test Vicente. Chorrillos, Santiago
Javier Varas. .....Lo Solar, Santiago
Cifuentes, Jose F.....Batuco, Santiago
Valdivieso, Narciso.....Liray, Santiago
Alamos, Test Fernando,
Santa Teresa, Santiago
Gomez, Test Conrado. El Porvenir, Santiago
Izquierdo, Test Etanislao,
Lo Izquierdo, Santiago
Tocornal, Jose,
Algarrobal de Colina, Santiago
Alcalde A., Jose Luis..Lo Arcaya, Santiago
Larrain de F., Rosalia,
Los Hornos, Santiago
Salas, Test Remigio,
Casas de Chicureo, Santiago
Perez, Santiago.....Guai-Guai, Santiago
Hurtado, Ricardo Cruzat..El Alba, Santiago
Larrain, Enriqueta. Santa Filomena, Santiago
Larrain, Enriqueta... San Miguel, Santiago
Larrain, Enriqueta.. .La Reina, Santiago
Astorga, Jose Luis...San Antonio, Santiago
Labarca, Luis i Alberto,
Santa Isabel, Santiago
Gutierrez, Salvador.....Quilapilun, Santiago
Solar, Eulogio.....Chacabuco, Santiago
Buston v de V., Amelia,
San Antonio, Santiago
Barros L., Nicolas.....Lampa, Santiago
Moreno, Meliton.....Chicauma, Santiago
Vargas, Francisco.....El Molino, Santiago
Buston v de V., Amelia..Quilguica, Santiago
Campino, Enrique ...Polpaico, Santiago
Nisen v de B., Carolina..Huechun, Santiago
Molina, Jose Francisco....Tapihue, Santiago
Campino, Rafael,
Calera de Polpaico, Santiago
Castro, Almanzor.....Rungue, Santiago
Mardonea, Herminia V. de. Rungue, Santiago
Martinez, Marcial....Santa Emilia, Victoria
Coujon, Pablo.....Santa Emilia, Victoria
Benitez, Manuel Jose...Lo Benitez, Victoria
Solar, Vidal Herrera del..San Luis, Victoria
Isabel, Santa,
Osvaldo Perez Sanchez, Victoria
Huerta, Ceferino Izquierdo de Garcia de la
Huerta .....La Obra, Victoria
Huerta, Pedro Garcia de la,
Las Casas, Victoria
Huerta, Manuel Garcia de la,
Hijuela Oriente, Victoria
Huerta, Carlos Garcia de la,
Hijuela Norte, Victoria
Figueroa, Enrique.....Rinconada, Victoria
Perez, Ricardo.....Chena, Victoria
Figueroa, Martin..Santa Margarita, Victoria
Farinelli, Natalio,
Chacra San Bernardo, Victoria
Medina, Alejandro.....El Olivo, Victoria
Fontecilla, Mariano.....El Olivo, Victoria
Covarrubias, Alberto. Chacra Arnut, Victoria
Montt S., Santiago. El Molino, Victoria
Letts, Suc. Irene Ariztia de,
Cerro Negro, Victoria
Izquierdo, Daniel Alcalde,
Cerro Negro, Victoria
Figueroa V., Santiago. Cerro Negro, Victoria
Codecido, Emilio Bello,
Cerro Negro, Victoria
Moreno, Rosa Correa de,
Cerro Negro, Victoria
Vara, Nicolas.....Cerro Negro, Victoria
Vergara, Ramon Donoso,
Cerro Negro, Victoria
Simpson, Roberto.....Cerro Negro, Victoria
Simpson, Roberto.....Cerro Negro, Victoria
Ugarte, Telesforo.....Cerro Negro, Victoria
Elguin, Agustin N....Cerro Negro, Victoria
Elguin, Luis.....Cerro Negro, Victoria
Martinez, Test Diego A.,
Cerro Negro, Victoria
Vergara, Eleodoro Donoso,
Cerro Negro, Victoria
Enriquez, Suc. Manuel Jose,
Lo Buzeta, Victoria
Rogers, Carlos.....Lo Buzeta, Victoria
Luco, Nicolas Barros,
Santa Teresa de Chena, Victoria
Cuevas, Antonio Valdes,
Santa Teresa de Chena, Victoria
Martinez J., Gregorio....La Capilla, Victoria
Maria, Ignacio Santa,
San Jose de Nos, Victoria
Plaza, Rosa Portales de,
San Antonio de Tango, Victoria
Ossa, Macario.....Santa Teresa, Victoria
Sanchez E., Enrique....El Carmen, Victoria
Pizarro, Matias.....San Juan, Victoria
Gandarillas, Evaristo..Lo Carvallo, Victoria
Herrera, Suc. Miguel..Lo Herrera, Victoria
Vergara, Ismael Valdes,
San Antonio, Victoria
Labbe, Florinda.....Cerro Negro, Victoria
Pinto, Toribio.....Cerro Negro, Victoria
Izquierdo, Vicente....Cerro Negro, Victoria
Campino, Rafel.....Mariscal, Victoria
Pinto, Joaquin Concha de,
Cerro Negro, Victoria
Terrier, Alfonso.....San Martin, Victoria
Vera, Enriqueta Calvo de..La Sota, Victoria

Subercasseaux, Ramon,
San Leon de Nos, Victoria
Huerta, Federico Garcia de la,
La Primavera, Victoria
Gandarillas, Jose Antonio,
Santa Filomena, Victoria
Campino, Rafael...Santa Filomena, Victoria
Toro, Test Melchor,
Concha i. Puente Alto, Victoria
Mena A., Mauricio..Bajos de Mena, Victoria
Mena L., Mauricio.....San Marcos, Victoria
Ureta, Suc. Eleodoro e Israel,
Bajos de Mena, Victoria
Mena, Aurora Mira.Bajos de Mena, Victoria
Tocornal, Ismael....Bajos de Mena, Victoria
Mena, Pastora Varas,
Bajos de Mena, Victoria
Alvis, Mauricio Mena,
Bajos de Mena, Victoria
Ureta, Rafael Silva.....San Jose, Victoria
Errazuriz, Daniel.....El Trebol, Victoria
Albano, J. Gregorio Correa,
El Alamo, Victoria
Ureta, Marcial Silva..San Antonio, Victoria
Valdes, Domingo.....Santa Cruz, Victoria
Valdes, Francisco de Borja,
Las Casas de Sta. Cruz, Victoria
Toro, Eugenio..El
Molino (Sta. Ismenia), Victoria
Valdes, Luis Diaz.....Maitenes, Victoria
Covarrubias, Alvaro..Marruecos, Victoria
Covarrubias, Alvaro.El Manzano, Victoria
Del Solar, Felix.....Esperanza, Victoria
Taullis, Amador.....Malloco, Victoria
Grossi, Manuel Castillo..Malloco, Victoria
Prado, Test Uldaricio..El Retiro,Victoria
Kindernan, Adolfo.....Linderos, Victoria
Larrain, Toribo.....Malloco, Victoria
Echazarreta, J. Ramon.San Javier, Victoria
Redondo v de A., Suc. Antonia,
San Luciano, Victoria
Gonzalez, Nicolas.....San Javier, Victoria
Larrain, Jose Patricio..Peñaflor, Victoria
Pallet, Juan Jose.....Margat, Victoria
Diaz, Jorge.....San Francisco, Victoria
Remedi, Remijio..San Francisco, Victoria
Novoa, Julio.....San Francisco, Victoria
Garces, Orozimbo.San Francisco, Victoria
Rodriguez, Maximo..San Vicente, Victoria
Undurruga, Francisco R.,
San Vicente, Victoria
Bustamente, Javier..San Vicente, Victoria
Toro, Eugenio.....San Eugenio, Victoria
Rosas, Juan Ignacio..Primavera, Victoria
Diaz, Mercedes E. Contreras v de,
San Antonio, Victoria
Barros B., Daniel..Carampange, Victoria
Caceres, Basilio.....Trebulco, Victoria
Correa, Jose Francisco,
Santa Luisa, Victoria
Rozas, Joaquin Rodriguez,
Trebulco, Victoria
Ugarte Z., Francisco..San Rafael, Victoria
Rodriguez, Carmela U. de,
Lo Aguirre, Victoria
Ugarte, Juan D.....Lo Aguirre, Victoria
Gonzalez E., Alberto.San Nicolas, Victoria
Huidrobo, Moises.....Manresa, Victoria
Fuente, Ramon 20, de la,
Miraflores, Victoria
Molina, Samuel.....Miraflores, Victoria
Fontecilla, Luis.....Palermo, Victoria
Ibañez de B., Berta.....Porvenir, Victoria
Tagle, Trinidad Ruiz..Primavera, Victoria
Solar A., Eulogio.....Primavera, Victoria
Tagle, Matilde Ruiz...Primavera, Victoria
Tagle, Herminia Ruiz..San Luis, Victoria
Torres E., Belisario,
Santa Teresa de Lonquen, Victoria
Jara, Adolfo Fernandez,
Sto. Domingo de Lonquen, Victoria
Tagle, Francisco J. Ruiz,
Sorrento, Victoria
Vicuña, Claudio.....Olivetto, Victoria
Tagle, Carmen F. Ruiz.....La Fe, Victoria
Tagle, Pedro Ruiz.....Recuerdo, Victoria
Portales, L., Miguel..Sto. Domingo, Victoria
Santelises, Enrique,
Santo Domingo, Victoria
Ovalle, Diego Cañas..El Peñon, Victoria
Eskinner, Tomas.....La Cruz, Victoria
Del Villar, Vidal Herrera,
Lonquen Sur, Victoria
Izquierdo, Salvador...Santa Ines, Victoria
Tagle, Joaquin Ruiz.....Calera, Victoria
Gandarillas, Evaristo.El Carmen, Victoria
Santelices, Daniel.....Catemito, Victoria
Herberto Jones i Cia..La Polvora, Victoria
Eyzaguirre, Jose Maria,
San Jose de Tango, Victoria
Jara, Enrique.....San Agustin, Victoria
Albano, Nicolas,
San Ignacio de Tango, Victoria
Cerda E., Jose Manuel..Tanguito, Victoria
Charlin, Ladislao.....La Ermita, Victoria
Tagle, Matilde Ruiz...Primavera, Victoria
Solar A., Eulogio.....Primavera, Victoria
Tagle, Herminia Ruiz...San Luis, Victoria
Bahamondes, Francisco,
Las Casas de Tanguito, Victoria
Bascuñan, Elisa,
San Juan del Peral, Victoria

Bascuñan, Rafael...La Esperanza, Victoria
Rossel, Transito Rossel de
Las Nieves, Victoria
Videla, Ricardo.....Las Rosas, Victoria
Sanfuentes, Enrique.Los Quilayes, Victoria
Fallini, Alfredo Quast,
Los Quilayes, Victoria
Rossel, Transito Rossel de,
Molino de Santa Rosa, Victoria
Tocornal, Ismael,
San Jose de los Clavos, Victoria
Coo, Jose Luis.....San Carlos, Victoria
Makenna, Juan E.....El Peñon, Victoria
Hnos, Lacalle.....El Peral, Victoria
Amunategui, Guillermo..El Toro, Victoria
Vernal, Test Mariano E.,
Santa Rosa del Peral, Victoria
Malebran, Liberato,
Pla-zuela de Toros, Victoria
Errazuriz, E., Rafael...El Peralillo, Victoria
Marambio, Nicanor .El Porbenir, Victoria
Rossel, Transito Rossel v de,
La Estrella, Victoria
Zavala, Manuel.....Tarapaca, Victoria
Cruchaga, Elvira Ossa v de,
Florida Alta, Victoria
Magallanes, Victoriano Rojas,
Florida, Victoria
Bascuñan, Vicente Valdes,
Las Mercedes, Victoria
Martinez, Carlos Walker
Lo Cañas, Victoria
Fernandez, Cotidio.....Bellavista, Victoria
Fernandez, Ezequiel..Macul Alto, Victoria
Avendaño, Jose Maria....La Teja, Victoria
Dominguez, Francisco,
Higuela Angosta, Victoria
Huneeus, Roberto La Quinta, Victoria
Formas, Manuel Aguirre,
Sta. Elisa del Carmen, Victoria
Salomo, Jose Agustin...Santa Julia, Victoria
Mutis, Demofila Formas de,
San Jose, Victoria
Opazo, Emilia Formas de,
Santa Emilia, Victoria
Aguirre, Abigail.....Las Casas, Victoria
Aguirre, Raquel.....San Jose, Victoria
Besa, Ramon Puelma.....El Peral, Victoria
Fabres, Antonio.....Las Bayonetas, Victoria
Aguirre F., Luis.....El Blanco, Victoria
Opazo, Emilia del C. Formas de,
La Granja, Victoria
Martinez, Jose R. Gonzalez,
La Granja, Victoria
Ortuzar, Enrique,
San Gregorio de la G., Victoria
Valenzuela, Luis Zenteno,
San Gregorio de la G., Victoria
Videla, Ricardo.....Las Rosas, Victoria
Infante, Alberto Vial..La Purisima, Victoria
Bezanilla, Jose Manuel Cerda,
Lo Castillo, Victoria
Cuevas, Alejandro Valdes,
La Bandera, Victoria
Aspillaga, Pedro i Manuel.Trinidad, Victoria
Azpillaga, Elisa Valenzuela de,
San Gregorio, Victoria
Garcia C., Victor Manuel,
Castillo Sur, Victoria
Manterola, Artemisa V. de..Platina, Victoria
Videla, Eduardo .Viña La Granga, Victoria
Tocornal, Ismael .....San Jose, Victoria
Sotomayor, Rafael.Santa Filomena, Victoria
Pero, Rafael J .....Carmelina, Victoria
Ovalle, Ruperto.....El Rosal, Victoria
Zegers, Julio.....San Rafael, Victoria
Costabal, Ricardo i Arturo Raffigny, Victoria
Carrasco, Adelaida Perez de,
Esperanza, Victoria
Eguiguren, Alejandro..Santa Juana, Victoria
Diaz, Manuel Joaquin,
Viña Victoria, Victoria
Solar, Benjamin Vatas.....Recreo, Victoria
Mena, Urbano.....Las Mercedes, Victoria
Castel de P., Guillermina.La Banca, Victoria
Fuente, Maximiliano de la,
Lo Ovalle, Victoria
Fernandez U., Manuel..Santa Rita, Victoria
Vial, Alejandro.....San Ramon, Victoria
Guichard de C. e hijos, Maclovia,
La Victoria, Victoria
Davila, Manuel.....El Almedro, Victoria
Mandolia, Test Rafael,
Chacra Atacama, Victoria
Tocornal, Joaquin.....San Joaquin, Victoria
Solar, Ruperto Vives.....Trinidad, Victoria
Guzman, Luisa Ovalle de,
Lo Cisternas, Victoria
Ossa, Eulogio Figueroa de,
La Esperanza, Victoria
Lillo, Juana Lorenzo...San Isidro, Victoria
Concha S., Daniel. ...Tolderia, Victoria
Correa, Manuel Domingo,
Alamos Injertados, Victoria
Urrutia R., Juan de D.....Lo Aria, Victoria
Concha, Ismael Mena,
Las Mercedes, Victoria
Castillo, Miguel.....Castillo, Victoria
Villegas, Emilio.....Los Peumos, Victoria
Bascuñan, Josefa Bravo de,
San Juan del Parral, Victoria

Undurraga, Sucesion...El Manzano, Victoria
Zamudio, Sucesion Luis Felipe,
El Volcan, Victoria
Mackena, Alberto.....El Injenio, Victoria
Vernal, Mariano E.,
San Juan de Pirque, Victoria
Maipo, Suc. Minera de,
Potreros de San Jose, Victoria
Barros, Guillermo.....Pico, Melipilla
Augueraud, Ricardo,
Chacra Augueraud, Melipilla
Balmaceda, Test Ezequiel,
Huechun Bajo, Melipilla
Balmaceda, Jose Manuel,
Huechun Alto, Melipilla
Hurtado, Test Jose.....San Jose, Melipilla
Balmaceda, Jose Elias....San Jose, Melipilla
Alcalde, Juan Ignacio....San Jose, Melipilla
Lecaros, Alfredo.....Esmeralda, Melipilla
Sierra, Joaquin de la.....Pico, Melipilla
Barros, Guillermo.....Ostolaza, Melipilla
Covarrubias, Nicasio.....Pico, Melipilla
Ugarte, Juan Domingo..Esmeralda, Melipilla
Fernandez, Enriqueta Jara de,
Esmeralda, Melipilla
Lecaros, Test Ruperto., Santa Rosa, Melipilla
Tocornal, Test Manuel Tomas,
Lumbreras, Melipilla
Leon, Juan Ignacio,
San Jose de Purapique, Melipilla
Cousino, Test Arturo....El Marco, Melipilla
Vicuña, Claudio.....Chiñihue, Melipilla
Guerrero, Adelaida Cood de,
El Manto Blanco, Melipilla
Hurtado, Manuel H...San Miguel, Melipilla
Subercasseaux, Francisco,
El Rosario, Melipilla
Sanrandona, Iturbe i...El Rosario, Melipilla
Gallarders, Pedro ....La Puntilla, Melipilla
Valdes, Eduardo....Los Marmoles, Melipilla
Larrain de L., Matilde..El Arroyo, Melipilla
Errazuriz, Zocimo.....Algarrobo, Melipilla
Foster R., Enrique.....Leganillas, Melipilla
Price & Cia, Ricardo...Los Quilos, Melipilla
Errazuriz, Zocimo....Santa Isabel, Melipilla
Quesney, Alberto..... Arboleda, Melipilla
Varga s v de I., Luisa San Nicolas, Melipilla
Marroquin, Test Manuel Barcaldo, Melipilla
Larrain, Jose Patricio. Mallauruco, Melipilla
Chinchilla, Manuel..Las Mercedes, Melipilla
Matte, Claudio.....Ibacache, Melipilla
Edwards, Guillermo.....Chorombo, Melipilla
Madrid, Manuel J.....Maria Pinto, Melipilla
Riesco, Julio E.....La Esquina, Melipilla
Benavente, Diego J.....Lo Lenco, Melipilla
Balmaceda, Test Jose M.,
Miraflores, Melipilla
Bustamente, Joaquin L..Los Rulos, Melipilla
Bustamente, Julio.:.....El Cerrilo, Melipilla
Bustamente, Jose Javier,
Lo Bustamente, Melipilla
Bustamente, Pastora B. v de,
Lo Bustamente, Melipilla
Madrid, Manuel J.....Lo Prado, Melipilla
Guerrero, Jesus P. de....Chorillos, Melipilla
Osorio, Manuel.....Pataguilla, Melipilla
Ojeda, Ramon.....Santa Ines, Melipilla
Osorio, Rita..... Lagunas, Melipilla
Madrid, Manuel J.....Santa Rita, Melipilla
Garal, Jose Vicente.....Lo Ovalle, Melipilla
Riesco, Julio.....El Bosque, Melipilla
Larrain, Test Ladislao.Providencia, Melipilla
Cruchaga, Abel .....Crucero, Melipilla
Tagle, Belisario.....Caren, Melipilla
Vargas, Alejandro.....Lepe, Melipilla
Ruiz, Maximo.....Las Pataguas, Melipilla
Jara, Pedro P.....Las Palmas, Melipilla
Fernandez V Eduardo...El Peral, Melipilla
Barros, Eduardo.....El Rosario, Melipilla
Bodegas, Sociedad de.San Antonio, Melipilla
Tagle Vicente Ruiz. .....Llolleo, Melipilla
Covarrubias, Ramon..La Maravilla, Melipilla
Balmaceda, Ezequiel.....El Sauce, Melipilla
Balmaceda, Carlos.....La Union, Melipilla
Balmaceda, Vicente.....San Juan, Melipilla
Piñeiro, Jose S.....Cucumen, Melipilla
Larrain, Ramon.....Puanguito, Melipilla
Balmaceda, Rafael.....San Diego, Melipilla
Hurtado, Florencio.....Pangue, Melipilla
Larrain, Ramon.....Pangue, Melipilla
Barros, Miguel.....La Marquesa, Melipilla
Ureta R., Test Juan F.,
Santa Teresa, Melipilla
Guimaraens, Vasco..Las Mercedes, Melipilla
Errazuriz E., Rafael....El Pasado, Melipilla
Iñiguez G., Jose Miguel..Tantehue, Melipilla
Lambert, Test Carlos.....Culipran, Melipilla
Iñiguez, Jose Miguel.....Popeta, Melipilla
Iñiguez, Rafael Fernandez,
San Miguel i Sta. Teresa, Melipilla
Izaga, Aniceto.....El Rosario, Melipilla
Alcalde, Test Arsenio.Los Huertos, Melipilla
Madden, Test Juan,
San Antonio Naltagua, Melipilla
Santander, Francisco.....La Vega, Melipilla
Gonzalez E., Domingo,
Carmen Bajo, Melipilla
Gonzalez E., Nicolas,
Carmen de las Rosas, Melipilla
Gonzalez E., Rafael...Carmen Alto, Melipilla

Amunategui, Rosa Solar de,
Las Casas, Melipilla
Huidrobo, Vicente.....Naltagua, Melipilla
Palma, Pedro P.....Manantiales, Melipilla
Letelier, Test Jose,
Rincon de Chocalan, Melipilla
Concha S., Daniel.....Paliocabe, Melipilla
Palma, Pedro Pablo.....Cholqui, Melipilla
Solar, Rosalia Fernandez v de,
La Isla, Melipilla
Arrieta, Jose.....El Pabellon, Melipilla
Gonzalez, Nicolas..... .El Paqui, Melipilla
Undurraga, Francisco..Las Arañas, Melipilla
Benites, Roberto.....Las Palmas, Melipilla
Sierra, Joaquin .....Santa Rosa, Melipilla
Chacon, Juan de Dios..Santa Rosa, Melipilla
Ugalde, Virginia Pinto de,
El Peumo, Melipilla
Ureta, Test Juan Francisco,
San Vicente, Melipilla
Ureta, Joaquin Correa i Jose F.,
El Membrillo, Melipilla
Vergara, Blanca.....Los Quillayes, Melipilla
Valdivieso, Ramon... San Esteban, Melipilla
Cerda, Teofilo, i Cia..El Convento, Melipilla
Benitez, Manuel J.....El Peumo, Melipilla
Alvarez, Martina de G. de.La Boca, Melipilla
Subercasseaux, Francisco,
Cabimbao, Melipilla
Vicuña, Claudio.....El Colegio, Melipilla
Fernandez, Enriqueta Jara de,
San Enrique, Melipilla
Subercasseaux, Francisco,
La Manga, Melipilla
Hurtado, Silvina.....Santa Ines, Melipilla
Rancagua, Hospital de.Valdebenito, Melipilla
Santander, Jose Ramon..El Peral, Melipilla
Toro D. Antonio. ....Quilmuta, Melipilla
Bustos, Jose Manuel .....Pincha, Melipilla
Toro D., Antonio. .....Alhue, Melipilla
Gandarillas, Nicolas ...Lo Salinas, Melipilla
Troncoso, Jose Benito.....Polulo, Melipilla
Reveco, Juan B....Yerbas Buenas, Melipilla
Matte, Benjamin.....Guindos, Cachapoal
Gutierrez, Enrique,
La Flor de Maipo, Cachapoal
Matte, Domingo.....Diamente, Cachapoal
Bravo, Jose Albert.....Buin, Cachapoal
Infante, Pastor.....La Fabrica, Cachapoal
Lanz, Enrique.....Pontigo, Cachapoal
Edwards, Juana Ross de,
Hijuela Larga, Cachapoal
Moreno, Benjamin.Hijuela Larga, Cachapoal
Moreno, Candelaria,
Hijuela Larga, Cachapoal
Gutierrez, Enrique.Hijuela Larga, Cachapoal
Sanchez, Evaristo.....Linderos, Cachapoal
Gallo, Salvador ....Linderos, Cachapoal
Valdes, Jose Manuel....Linderos, Cachapoal
Gutierrez, Jose Ramon..Linderos, Cachapoal
Cerda, Jorge Rodriguez,
Santa Adela, Cachapoal
Shultz, Juan.....Santa Elvira, Cachapoal
Cousiño, Adriana.....La Quinta, Cachapoal
Irarrazaval, Miguel,
Santa Filimena, Cachapoal
Izaga, Jose Antonio..Campusano, Cachapoal
Besa, Luis.....Campusano, Cachapoal
Prieto, Luis Larrain.....Viluco, Cachapoal
Borja, Silvestre.....La Higuera, Cachapoal
Besa, Arturo.....Casas Blancas, Cachapoal
Labe, Tobias.....Casas Blancas, Cachapoal
Moller, Enrique....Casas Blancas, Cachapoal
Troncoso, Jose Benitez,
Las Mercedes, Cachapoal
Charlin R., Diaz i.....Lo Jelves, Cachapoal
Rossel, A.....Lo Jelves, Cachapoal
Bravo, Ramon.....Lo Jelves, Cachapoal
Letelier, Edelmira Espinola de,
Aculeo, Cachapoal
Sanchez, Elias.....Cullipeuno, Cachapoal
Cerda, Ruperto de la,
Las Camelias, Cachapoal
Cox, Nathan Miers.....Mansel, Chacapoal
Toro, Emilia Herrera de,
Lo Aguila, Cachapoal
Velasco, Vicente...Lo Aguila, Cachapoal
Sanchez, Eugenio,
San Luis de Linderos, Cachapoal
Jara, Pascual,
Granja del Carmen, Cachapoal
Martinez v de A., Maria,
La Quisca, Cachapoal
Martinez, Andres.....Paine, Cachapoal
Larrain, Miguel Campino,
San Jose de Paine, Cachapoal
Campos, Leonor M. v de,
San Jose de Paine, Cachapoal
Huidrobo, Ricardo Garcia,
La Vega, Cachapoal
Letelier, Carmen.....La Estrella, Chacapoal
Mackena, Carlos,
Santa Filomena, Cachapoal
Hidrobo, Alejandro Garcia,
Victoria, Cachapoal
Huidrobo, Ignacio Garcia,
El Cardonal, Cachapoal
Huidrobo, Teresa Garcia,
Huelquen, Cachapoal
Guzman. Luis Ovalle de,
El Escorial, Cachapoal

Charme, Eduardo.....Culitrin, Cachapoal
Bravo, Leopoldo.....Culitrin, Cachapoal
Eyzaguirre, Javier.....Chada, Cachapoal
Huidrobo, Vicente,
Jahuel i Palqui, Cachapoal
Pacheco, Test R...La Paricion, Cachapoal
Videla, Alfredo.....San Rafael, Cachapoal
Eyzaguirre, Ignacio,
San Ignacio del Transito, Cachapoal
Eyzaguirre, Manuel,
San Jose del Transito, Cachapoal
Eyzaguirre, Javier,
San Javier del Transito, Cachapoal
Concha, Emiliana Subercasseaux de,
El Llano, Cachapoal
Subercasseaux, Antonio,
El Cruceral, Cachapoal
Huidrobo, Vicente G.,
El Principal, Cachapoal
Izquierdo, Vicente,
El Principal, Cachapoal
Subercasseaux, Magdalena Vicuña de .....Pirque, Cachapoal
Subercasseaux, Francisco,
Las Majadas, Cachapoal
Subercasseau, Francisco,
Tollo i San Juan, Cachapoal
Concha, Domingo Fernandez,
Santa Rita, Cachapoal
Mackena, Alberto..El Parron, Cachapoal
Larrain, Jose Liborio,
El Parron, Cachapoal
Moreno, Test Nicanor,
El Parron, Cachapoal
Matte, Enrique.....El Parron, Cachapoal
Matte, Domingo....El Parron. Cachapoal
Garrido, Julio.....Santa Rita, Cachapoal
Rodriguez V., Luis..La Cadena, Cachapoal
Toro, Arturo.....Bella Vista, Cachapoal
Moreno, Patricio.....Zuniche, Cachapoal
Moreno, Ramon,
Rinconada Chica, Cachapoal
Cuadra v de A., Transito,
Las Rosas, Cachapoal
Sanchez, Carlos....Lo Castillo, Cachapoal
Sanchez, Carlos.....Lo Castillo, Rancagua
Toro, Emilo Concha i,
Lo Castillo, Rancagua
Escudero, Clorindo...Lo Castillo, Rancagua
Krefft, Otto.....Lo Castillo, Rancagua
Maturana, Manuel J...Los Quilos, Rancagua
Toro, Jose Gregorio Correa i,
Los Quilos, Rancagua
Gorostiaga, Jose E....Los Quilos, Rancagua
Romero v de G., Filomena,
Sta. Teresa, Rancagua
Zilleruelo, Lindorfo.....Chancon, Rancagua
Vargas, Gonzalez,
Alto de la Greda, Rancagua
Vicuña, Victoria.....Santa Elena, Rancagua
Martinez, Carlos.....Primavera, Ransagua
Cerda, Jose Dolores..Las Puertas, Rancagua
Cerda, Emilia Luisa,
Hijuela Angostura, Rancagua
Cerda, Jacobo,
Hijuela Angostura, Rancagua
Zuñiga, Benjamin.....Primavera, Rancagua
Sanchez, Milagro M. de,
Punta de Cortes, Rancagua
Salas, Pedro Felix,
San Francisco, Rancagua
Villalobos, Baltazar....Tropezon, Rancagua
Subercasseaux, Ana....Tropezon, Rancagua
Marfil, Carlos.....San Jose, Rancagua
Vial, Jorge.....San Jose, Rancagua
Donoso, Jose Gregorio,
Los Torunos, Rancagua
Toro, Anibal Correa i...Compañia, Rancagua
Vial, Ventura Blanco....Leonora, Rancagua
Irarrazaval, Carlos....El Carmen, Rancagua
Devoto, Luis .....Tunca, Rancagua
Toro, Carlos Correa i,
Miraflores, Rancagua
Prado, Josefa C. v de....Delicias, Rancagua
Salas, Jose Rafael.....Compañia, Rancagua
Toro, Jose G. Correa i,
Las Higueras, Rancagua
Velazco, Luis Rodriguez,
Tuniche, Rancagua
Izquierdo, Tadeo.....Tuniche, Rancagua
Ovalle, Rafael.....Tuniche, Rancagua
Santelices, Juan de Dios..Tuniche, Rancagua
Vicuña, Cesar.....Las Mercedes, Rancagua
Vicuña, Nicolas....Las Mercedes, Rancagua
Vicuña v de B., Juana,
Las Mercedes, Rancagua
Vial, Ignacio.....Las Mercedes, Rancagua
Irarrazaval, Manuel F
Las Mercedes, Rancagua
Irarrazaval, Isabel Correa v de,
Graneros, Rancagua
Vial, Maria Oriana Vicuña de,
Mercedes, Rancagua
Zañartu, Ignacio.....Angostura, Rancagua
Rojas, Test.....San Francisco, Rancagua
Ovalle V., Samuel.....Mostazal, Rancagua
Eguiguren, Francisco....Arrayan, Rancagua
Toro, Carlos Correa i..La Punta, Rancagua
Troncoso, Blas...Santa Filomena, Rancagua
Fresno, Juan Francisco,
La Candelaria, Rancagua

Prieto, Manuel.....El Romeral, Rancagua
Eguiguren, Ignacio....San Isidro, Rancagua
Donoso, Gregorio.....Penco, Rancagua
Perez V., Santiago.....Moztazal, Rancagua
Santelices, Alejo.....Santa Elena, Rancagua
Amor, Jose. .....Picarquin, Rancagua
Troncoso, Ramon.....Pilay, Rancagua
Rubio, Juan N.....El Molino, Rancagua
Silva, Victor M...La Carpinteria, Rancagua
Errazuriz, Carmen Valero v de
El Cardenal, Rancagua
Peralta, Ignacio R....Santa Rosa, Rancagua
Ugarte, Carlos..... El Rabanal, Rancagua
Fontecilla, Carlos Sanchez,
San Joaquin, Rancagua
Sanfuentes, Test Alberto,
San Joaquin de Cachapoal, Rancagua
Sanfuentes, Vicente,
Hacienda Machali, Rancagua
Heysen, Emilio.....Sauzal, Rancagua
Fontecilla, Carlos Sanchez,
Lo Castillo, Rancagua
Toro, Carlos Correa i..Manzanal, Rancagua
Pardo, Josefa Correa v de,
Perales, Rancagua
Castro, Ramon.....Perales, Rancagua
Sanfuentes, Alberto....El Recreo, Rancagua
Ossa, Recaredo.....Codao, Rancagua
Lambert, Valentin.....La Rosa, Rancagua
Murillo, Test Adolfo,
Santa Josefina, Rancagua
Vega, Severo.....La Esperanza, Rancagua
Meza, Ricardo....Santa Filomena, Rancagua
Droguest, Claudio,
Santa Filomena, Rancagua
Ojeda, Alejandro..Santa Filomena, Rancagua
Bravo, Placido.....Lo de Cuevas, Rancagua
Albano, Jose Gregorio Correa,
Paral, Rancagua
Ramirez, Jose Antonio,
Quimavida, Rancagua
Vial, Rosa Guzman de....Parral, Rancagua
Ortuzar, Victor.....Quimavida, Rancagua
Guzman, Diego Vial.....Parral, Rancagua
Ovalle, Eduardo.....Parral, Rancagua
Bravo, Eleazar.....Parral, Rancagua
Aldunate, Frederico...Los Cabras, Rancagua
Pereira, Enrique.....Carmen, Rancagua
Cruz, Francisco Santa....Carmen, Rancagua
Lee, Guillermo.....Carmen, Rancagua
El Seminario. .....El Seminario, Rancagua
Arlegui, Javier.....El Durazno, Rancagua
Ovalle, Calixto.....Cocolan, Rancagua
Mujica, Juan Francisco...Cocalan, Rancagua
Theoduloz, Valentin....Popeta, Caupolican
Rivas, Ramon.....Popeta, Caupolican
Vargas, Test Juan Pablo,
Popeta, Caupolican
Mandiola, David.....Popeta, Caupolican
Alvarez, Basilio.....Popeta, Caupolican
Cortines, Test Eduardo,
Popeta, Caupolican
Egenan, Juan.....El Molino, Caupolican
Valenzuela G., Test Luis,
Quinta Alba, Caupolican
Adueza, Jose.....Quinta Alba, Caupolican
Hoffman, Pablo.....Quinta Alba, Caupolican
Novoa v de G., Eloisa..San Eloi, Caupolican
Palazuela, Natalia....Santa Ana, Caupolican
Naretto, Domingo...Chancharia, Caupolican
Bisquert, Test Jose..Panquechue, Caupolican
Valdes, Emilio.....El Peumal, Caupolican
Echeverria, Test Jose I.,
San Jose de Pichagua, Caupolican
Montt, Miguel Gallo..El Molino, Caupolican
Gandarillas, Jose.....Totigue, Caupolican
Gandarillas, Juana.....Mendoza, Caupolican
Valdivieso, Test Valentin,
El Retiro, Caupolican
Covarrubias, Manuel.....Apaltas, Caupolican
Toro, Domingo Concha i,
Santa Isabel, Caupolican
Campino, Carlos.....Naicura, Caupolican
Larrain, Raimundo.La Esmeralda, Caupolican
Perez S., Santiago....Camarico, Caupolican
Mandolia, Test Rafael,
El Rosario, Caupolican
Orrego, Rafael.....Maiten, Caupolican
Sotto de F., Emilia,
Hijuela del Centro, Caupolican
Soto, Jose Florencio...Colihues, Caupolican
Garin, Test Justa P.,
Los Baños Cauquenes, Caupolican
Soto, Marcial.....Chacayes, Caupolican
Jordan T., Test Joaquin,
Los Maitenes, Caupolican
Jordan T., Carmela...La Cuarta, Caupolican
Plata, Fernando Marquez de la,
Tacna, Caupolican
Fontecilla S., Luis.....Talhuen, Caupolican
Ossa, Test Angel.Las Bandurrias, Caupolican
Ugarte, Daniel Vial.El Vaticano, Caupolican
Castillo, Miguel.....Humaco, Caupolican
Castillo de P., Albino,
Chumaquito, Caupolican
Castillo de M., Maria,
Chumaquito, Caupolican
Bazos, Felix Maria.Santa Amalia, Caupolican
Valdes, Emilio,
San Jose de Requinoa, Caupolican

Toro, Emilio Concha i,
Santa Teresa, Caupolican
Rubio, Pablo,
San Jose de Requinoa, Caupolican
Moreno, Demetrio.....Abra, Caupolican
Lecaros, Jose Luis.....Abra, Caupolican
Shul, Guillermo....Los Perales, Caupolican
Sanchez, Emilio.....Talhuen, Caupolican
Arias, Test Ramon A.,
Lo de Lobo, Caupolican
Correa, Francisco J...El Llano, Caupolican
Gonzalez, Jose Luis....La Viña, Caupolican
Solis B., Manuel...Chanqueahue, Caupolican
Concha, Lucio.....San Lucio, Caupolican
Alvarez, Besilio.....Rincon, Caupolican
Gandarillas, Juana...El Chingue, Caupolican
Pereira, Jose.....Tipaumo, Caupolican
Pereira, Francisco Javier,
El Lance, Caupolican
Montt, Manuel Gallo.....Gultro, Caupolican
Soto, Manuel O.....Olivar Alto, Caupolican
Moran, Enrique.....Olivar Alto, Caupolican
Castillo, Juan de Dioz V.,
Olivar Alto, Caupolican
Silva V., Julio..... .Los Lirios, Caupolican
Ugalde, Nicanor....Las Petacas, Caupolican
Canape, Marcos H. Copequen, Caupolican
Muñoz, Francisco I. Diaz Coinco, Caupolican
Valenzuela v de L., Emilia,
Coinco, Caupolican
Concha, Francisco A..Chillehue, Caupolican
Droguett, Claudio N...Romeral, Caupolican
Barros E., Agustin..La Estacada, Caupolican
Ortuzar, Daniel.....Cailoma, Caupolican
Granito, Joquin.....Viña, Caupolican
Ramirez, Joaquin.....Tilcoco, Caupolican
Valdes, Alejandra Cuevas de,
La Quinta, Caupolican
Fernandez, Ezequiel....Estacada, Caupolican
Gandarillas v de E., Irene,
Santa Irene, Caupolican
Lyon, Roberto..Almahue Nuevo, Caupolican
Vilela, Baldomero.....Pataguas, Caupolican
Vilela, Jose Agustin...Pataguas, Caupolican
Vilela, Jose.....Pataguas, Caupolican
Diaz, Test Juan Bautista,
Pataguas, Caupolican
Aspillaga, Test Pedro N.,
Providencia, Caupolican
Donoso, Antonio Toro,
Pichidegua, Caupolican
Errazuriz, Test Federico,
San Jose del Camen, Caupolican
Vial S., Manuel.....Arboleda, Caupolican
Echenique, Gabriel...Los Olmos, Caupolican
Echenique, Francisco,
Las Casas del Huique, Caupolican
Echenique, Virginia Tagle v de,
San Miguel, Caupolican
Echenique, Rafael..Los Maitenes, Caupolican
Ortuzar, Santiago.....Millahue, Caupolican
Echenique, Jose Miguel,
Las Casas, Caupolican
Auguer, Benito...Santa Catalina, Caupolican
Luco, Vicente..... Pencahue, Caupolican
Riesco, Mauricio. Tagua-Tagua, Caupolican
Baeza R., Test Agustin .El Inca, Caupolican
Baeza E., Agustin.....Idahua, Caupolican
Aranguiz, Lizandro....Millahue, Caupolican
Riesco, Jorge..Molino de Tunca, Caupolican
Huidrobo, Jose.....La Platina, Caupolican
Maturana, Mercedes.San Vicente, Caupolican
Torrealba, Juan Onofre,
Rinconada, Caupolican
Velazquez, Jose Domingo,
Purnaiten, Caupolican
Velazquez, Albina.....Cardal, Caupolican
Prida, Francisca J. de la,
Rastrojos, Caupolican
Prida, Francisco J. de la,
Rinconada, Caupolican
Eguiguren, Francisco...Pataguas, Caupolican
Meza, Demetrio.Nuevo Cardenal, Caupolican
Errazuriz, Ramon...San Vicente, Caupolican
Maturana, Jose...San Vicente, Caupolican
Jara v de P., Antonia,
La Palma, Caupolican
Silva, Francisco Javier 2o.,
El Cardal, Caupolican
Prida, Francisco J. de la,
El Tambo, Caupolican
Gamboa, Nicomedes,
El Carmen, Caupolican
Charme, Eduardo.....Chihue, Caupolican
Novoa, Manuel Jovino,
Las Hijuelas, Caupolican
Reyes, Test Luis..La Placilla, Caupolican
Lecaros, Enrique Valdes
San Luis, Caupolican
Bernales, M. Daniel.....Malloa, Caupolican
Venegas, Fortunato,
Panquehue, Caupolican
Meza, Justino.....San Pedro, Caupolican
Marin, Eduardo,
Viña Antivero, San Fernando
Rojas, Francisco.Trapiche, San Fernando
Vicuña, Claudio,
San Antonio, San Fernando
Donoso, Juan de la Cruz,
Barriales, San Fernando

Pereira, Julio....Miraflores, San Fernando
Pereira. Guillermo,
Chorillos, San Fernando
Arriagada, Victor,
Cañadita, San Fernando
Labatud, Adrian.....Roma, San Fernando
Marin, Test Antonio.Roma, San Fernando
Maturana, Diego....Roma, San Fernando
Donoso, Juan de la Cruz,
Miravalle, San Fernando
Morales, Test Benjamin,
Cuenca, San Fernando
Lopez, Juana Francisca,
Cuenca, San Fernando
Lira, Encarnacion Artigas
v de.....Los Linguez, San Fernando
Lira, Jose Antonio,
Santa Isabel, San Fernando
Maturana, Diego,
San Javier, San Fernando
Lisboa, Pedro Rojas,
Potrero Grande, San Fernando
Visitacion, Monja de la,
Pedehue, San Fernando
Maturana, Diego,
Talcarehua, San Fernando
Carvallo, Eduardo Vial,
Tinguiricat, San Fernando
Demarchis, Juan..La Punta, San Fernando
Valledor, Manuel,
Quicharco, San Fernando
Carvallo, Ana e Isabel Vial,
Santa Isabel, San Fernando
Vial, Isaias...Santa Isabel, San Fernando
Cuevas, Emilio...San Juan, San Fernando
Valdes, Eleodoro,
San Javier, San Fernando
Errazuris, Valentin,
Santa Teresa, San Fernando
Carvallo, Enrique Vial,
La Esmeralda, San Fernando
Cuevas, Juan Manuel,
San Manuel, San Fernando
Ovalle, Prospero,
Santa Catalina, San Fernando
Lisboa, Pedro Rojas,
Santa Elena, San Fernando
Carvallo, Olegario Vial,
Quicharco, San Fernando
Ruiz V., Manuel,
Santa Rosa, San Fernando
Vial, Luisa Solar v de,
San Juan de la Sierra, San Fernando
Carvallo, Carlos Vial,
San Antonio, San Fernando
Vial, Leonidas...La Mariposa, San Fernando
Inda, Dionisio..Peor es Nada, San Fernando
Pedro Castro & Cia..
San Jose de Toro. San Fernando
Valdes, Eleodoro,
Santa Adela, San Fernando
Fuenzalida, Test Domingo J.,
Las Mercedes, San Fernando
De-Putron, Test, Enrique,
San Ignacio, San Fernando
Silva, Pio Onofre,
La Chipana, San Fernando
Besa, Carlos..Santa Teresa, San Fernando
Fuentes, Pedro J.,
Santa Ana, San Fernando
Correa, Pedro...San Luis, San Fernando
Correa, Gregorio.San Juan, San Fernando
Guzman, Test Pedro N.,
Carrizal, San Fernando
Tocornal, Test Enrique,
Perejil, San Fernando
Diaz, Eusebio,
Santa Berta, San Fernando
Valenzuela, Luis,
Los Maitenes, San Fernando
Lois, Santiago...El Sauce, San Fernando
Errazuriz, Carmen Iñiguez
v de...Rincon de la Plata, San Fernando
Charme, Eduardo..Huemul, San Fernando
Diaz, Belisario,
La Quebrada, San Fernando
Prado, Miguel,
Chimbarongo, San Fernando
Fermandois, Jose Antonio,
Chimborango, San Fernando
Garcia, Inocencio,
La Turbina, San Fernando
Matte A., Juan,
Chimbarongo, San Fernando
Eguiguren, Luis,
Santa Elisa, SanFernando
Echeverria, Felix,
Todos Santos, San Fernando
Lynch, Rodolfo,
Las casas de Chimbarongo, San Fernando
Diaz, Daniel...Los Copihues, San Fernando
Zañartu, Anibal...La Quinta, San Fernando
Calvo C., Gonzalo....Hijuela, San Fernando
Guzman, Jose L...Esperanza, San Fernando
Cassal, Jertrudis Hidalgo de,
Puquillai, San Fernando
Cruchaga v de C., Rosalia,
Santa Ursula, San Fernando
Solar, Alejandro Montes,
Le Diana, San Fernando
Jaramillo, Jose Domingo,
El Cardal, San Fernando

Lira, Jose Maria Valderrama,
Pucudegua, San Fernando
Rivera, Juan de Dios,
El Carmen, San Fernando
Edwards, Juana Ross de,
Nancagua, San Fernando
Jaramillo, Pedro Jose,
Taulema, San Fernando
Vergara, Jose M. Silva,
Chacarrilla, San Fernando
Pereira L., Celerino ..Yaqui, San Fernando
Valdes, Magdalena V. v de,
Cunaquito, San Fernando
Barros, Salvador.....Apalta, San Fernando
Mojica, Crispulo.....Apalta, San Fernando
Rojas, Carmen Mancheño de,
Apalta, San Fernando
Vergara, Ismael Valdes,
San Gregorio, San Fernando
Valdes, Test Carlos..Cunaco, San Fernando
Valdes, Florencio.....Guapi, San Fernando
Arellano, Ramon..Carizalillo, San Fernando
Silva, Francisco E....Idango, San Fernando
Gutierrez, Salvador 2d,
Topocalma, San Fernando
Rivero, Juan J..San Vicente, San Fernando
Castro, Martin..San Vicente, San Fernando
Fuenzalida, Jose Miguel,
La Cueva, San Fernando
Fernandez (B.), Francisco,
Lagunillas, San Fernandez
Diaz, Test Juan,
Estrella Cuzeo, San Fernando
Acuño, Fidel....Estero Seco, San Fernando
Riveros, Juan Generoso,
La Aguada, San Fernando
Vilela, Jose M.....San Jose, San Fernando
Pereira, Luis...La Esperanza, San Fernando
Ovalle, Juan Guillermo,
Los Maitinez, San Fernando
Fernandez, Valentin,
San Rafael, San Fernando
Cruz, Ignacio.....Mallermo, San Fernando
Fernandez, Valentin,
San Miguel, San Fernando
Scotto, Federico.....Alcones, San Fernando
Hidalgo, Jose Miguel...Reto, San Fernando
Vilella, Jose Manuel....Reto, San Fernando
Velasco, Emilio,
Yerbas Buenas, SanFernando
Maturana, Jose.....Pataguas, San Fernando
Velasco, Test Rafael,
Poblacion, San Fernando
Prieto v de F., Ignacia,
Mallermo, San Fernando
Ovalle, Guillermo...Maitenes, San Fernando
Martinez v de C., Pilar,
Palmilla, San Fernando
Gonzalez, Carmen...Palmilla, San Fernando
Errazuriz, Luis...La Majada, San Fernando
Errazuriz, Javier..Las Garzas, San Fernandez
Errazuriz, Test Federico,
Popuya, San Fernando
Errazuriz, Ladislao,
Los Maquis, San Fernando
Barahona, Luis Antonio,
Llano, San Fernando
Errazuriz, Elias...Colchagua, San Fernando
Bozo, Juan Francisco,
Capellania, San Fernando
Alamos, Fernando..Rinconada, San Fernando
Echenique, Miguel F.,
San Miguel, San Fernando
Valdes, Elias.....Calleuque, San Fernando
Gutierres, Agustin,
Los Cardos, San Fernando
Hurtado, Ramon...El Barco, San Fernando
Velasco, Rafel.....Poblacion, San Fernando
Velasco, Benjamin..Santa Ana, San Fernando
Errazuriz, Javier....Peralillo, San Fernando
Echenique, Agustin..Puquillai, San Fernando
Arellano, Antonio Maria,
Santa Clotilde, San Fernando
Oyarzum, Abraham..Ligueimo, San Fernando
Oyarzum, Ciriaco...Ligueimo, San Fernando
Ross, Agustin....Lilichilemu, San Fernando
Ortuzar, Cuevas v de, Irene,
San Antonio, San Fernando
Larrain, Patricio...El Puesto, San Fernando
Pereira, Luis....San Miguel, San Fernando
Alamos, Test Fernando,
Alto Colorado i otros, San Fernando
Guttierrez, Salvador 20,
Topocalma, San Fernando
Arrigada, Victor...Panilonco, San Fernando
Aspillaga, Manuel P. M.,
Tanome, San Fernando
Vicuña, Claudio.....Cohuil, San Fernando
Bozo, Juan Francisco,
Pailimo, San Fernando
Lisboa, Pedro Rojas,
Peñuelas, San Fernando
Echeverria, Leoncio,
Rinconada, San Fernando
Jaramillo, Pedro Jose,
Taulemu, San Fernando
Larrain, Jose Luis,
Santa Ana, San Fernando
Fuenzalida, Test Juan J.,
Santa Ana, San Fernando

Fuenzalida, Jose Domingo,
El Laberinto, San Fernando
Echaurren, Jose Francisco,
San Luis, San Fernando
Vicuña, Claudio.....Placilla, San Fernando
Flores, Test Maximo..Placilla, San Fernando
Canet, Pedro.....Placilla, San Fernando
Solar v de M., Delfina,
Placilla, San Fernando
Cruz, Miguel Maria....Los Cristales, Curico
Aguirre i Aguirre.....La Obra, Curico
Mozo, Gregorio.....Huiguera, Curico
Mozo, Juan Manuel.....El Faro, Curico
Mozo, Juan.....Maiten, Curico
Perez, Amaro.....Florida, Curico
Merino, Jose Luis.....Florida, Curico
Villalobos, Baltazar.....Marengo, Curico
Silva, Salustio.....Porvenir, Curico
Villalobos, Horacio.....Porvenir, Curico
Valenzuela, P. Eleodoro....Porvenir, Curico
Moreno, Jose R.....Porvenir, Curico
Mujica, Andres.....Porvenir, Curico
Hevia, Jose I.....Porvenir, Curico
Grez, Domingo.....Porvenir, Curico
Besoain, Froilan.....Cerro Grande, Curico
Moreno, Javier F.....Florida, Curico
Rojas, Baldomero.....Nichez, Curico
Plaza, Luis.....San Ramon, Curico
Gutierrez, Salvador.....San Ramon, Curico
Vilela, Jose Manuel,
Quinahue i Pozoz, Curico
Ugarte, Test Manuel D.,
Quinahue i Bodal, Curico
Ortuzar, Carlos Valdes.....Chepica, Curico
Valdes, Juan....Chomedahua i otros, Curico
Valenzuela, Juan Domingo..Lajuela, Curico
Leon, Marcelino.....Isla i Yaquil, Curico
Garcia, Adeodato.....Chomedahua, Curico
Medina, Alejandro.....Chomedahua, Curico
Alamos, Fernando.....Montecillo, Curico
Perez, Ignacio.....Santa Rosa, Curico
Fernandez (B.), Luis...La Purisima, Curico
Diaz, Test Emilio.....San Leon, Curico
Jara, Enrique Fernandez,
Bellavista, Curico
Mancilla, Rosendo.....Huanquihue, Curico
Moreno, Pedro Nolasco..La Ventana, Curico
Moreno, Zacarias.....Ventana, Curico
Ovalle, Guillermo.....Morza, Curico
Pereira, Luis.....Santa Rita, Curico
Urbistondo, Eduardo.....Quelmen, Curico
Charme, Eduardo.....Huemul, Curico
Alonso, Francisco A. Vergara,
La Puerta, Curico
Iturriaga, Pedro.....Santa Adela, Curico
Ortuzar, Juan de Dios....La Aurora, Curico
Bernales, Concepcion.....Cerillos, Curico
Lynch (L.), Rodolfo.....Hospital, Curico
Respaldiza, Andres.....La Lira, Curico
Aguirre, Julian.....Lo Gatica, Curico
Matte, Francisco.....San Guillermo, Curico
Iñiguez, Antonio.....La Esmeralda, Curico
Alcerraca, Blas.....Comalles, Curico
Bozo, Test Juan F.....Molino, Curico
Carrasco, Test Victor.....Comalle, Curico
Castillo, Javiera.....Teno, Curico
Castillo, Marcos i Felipe.....Palmilla, Curico
Ovalle, Jerman.....Alelos, Curico
Astaburuaga, Federico.....Teno, Curico
Edwards, Juana Ross de.....Comalle, Curico
Vidal, Francisco i Rosendo..Romeral, Curico
Fernandez, Francisco.....San Pedro, Curico
Nuñez, Mercedes v de G.....Quilve, Curico
Donoso, Carmen v de R.....Quilve, Curico
Leiton, Fidela v de L.....Quilve, Curico
Rodenas, Javiera v de M....Romeral, Curico
Rodriguez (D.), Victor.....Quilve, Curico
Jordan, Joaquin.....La Huerta, Curico
Moreno, Zacarias.....Maquis, Curico
Moreno (B.), Hermanos....Calabozo, Curico
Lazcano, Prudencio.....Huaico, Curico
Lazcano, Fernando.....Huaico, Curico
Lazcano, Agustin.....Huaico, Curico
Moreno (B.), Antonia.....Huaico, Curico
Moreno, Pedro Nolasco.....Calabozo, Curico
Velasco (T.), Ismael.....Peñon, Curico
Rencoret, Carlos.....El Carmen, Curico
Punar, Alberto.....Guaico Bajo, Curico
Besoain, Andres.....Maitenes, Curico
Besoain, Samuel.....Palquibudi, Curico
Espinoza, Custodio.....Caone, Curico
Correa, Jose Francisco....Palquibudi, Curico
Valdes, Filomena de M.....Palmas, Curico
Labarca, Mercedes v de M....Rauco, Curico
Parot, Julio.....Rauco, Curico
Silva, Rita v de V.....El Valle, Curico
Smith, Alberto.....Filicura, Curico
Undurraga, Ramon.....Rauco, Curico
Villalobos, Baltasar.....Rauco, Curico
Castillo, Felipe i Mauricio...Palmilla, Curico
Silva, Carmela de A.....Rauco, Curico
Morande, Francisco.Todos los Santos, Curico
Lira, Gabriel.....Todos Santos, Curico
Calvo, Agustin.....Boldomahuida, Curico
Casanello, Carlos.....San Carlos, Curico
Iñlguez, Mariano.....Santa Adela, Curico
Izquierdo, Alberto,
Puerta de Auquinco, Curico
Bravo, Federico.....San Antonio, Curico
Valenzuela (G.), Pedro N...Pocillos, Curico

Valenzuela, Pedro J.....Arañas C., Curico
Castillo, Francisco de.....Quchacer, Curico
Fuenzalida, Gregorio.....Chepica, Curico
Villella, Jose Manuel..Mina Aguada, Curico
Vilella, Dolores.....Huincura, Curico
Vilella, Benjamin.....Arañas, Curico
Garcia, Victor.....San Luis, Curico
Gomez (V.), Luis.....Litres, Curico
Cortinez, Test Lindolfo.....Cuadro, Curico
Gutierrez, Lucas,
Rinconada i Almendral, Curico
Maturana, Carmen.....San Antonio, Curico
Leiton, Toribio.....Piedrecillas, Curico
Valdes, Francisco.....Uva Blanca, Curico
Maroto, Rafael...Pocillos Almendra, Curico
Besoain, Froilan.....Quete-Quete, Curico
Correa (A.), Jose F.....Tutuquen, Curico
Cabrera, Eudocio.....Guindos, Curico
Labarca, Mercedes v de M..Maitenal, Curico
Mardonez, Pio.....Santa Gertrudis, Curico
Olea, Alejandro.....Tutuquen, Curico
Hevia, Daniel.....Manzano, Curico
Farias, Teodoro.....Isla Marchant, Curico
Rojas, Arturo Urzua.Convento Viejo, Curico
Pereira, Tomas Marchant,
Las Mercedes, Curico
Rodriguez, Elisalda.....Quete-Quete, Curico
Marquez, Belisario,
Alto del Guaiquillo, Curico
Marquez (R.), Manuel 2o,
Guaiquillo, Curico
Moreno, Felix C.....Boldos, Curico
Garcia de Garces, Eudocio,
Patacon, Vichuquen
Marin, Belarmino.....Patacon, Vichuquen
Olea, Julio.....Ranquil, Vichuquen
Garces, Francisco J.....Idahue, Vichuquen
Rojas, Pedro.....Lora, Vichuquen
Aranguiz, Mercedes Olea v de,
Duao, Vichuquen
Escudero, Test Manuel Jose,
Naicura, Vichuquen
Moraga, Lorenzo,
Los Cuervos v Coquimbo, Vichuquen
Olea, Maria Besoain v de,
Medano, Vichuquen
Usua, Jeronimo Cornejo,
El Carmen, Vichuquen
Gutierrez, Joaquin..Santa Teresa, Vichuquen
Larrain, Carmen,
Queseria de Nilahue, Vichuquen
Montero, Test Benjamin,
San Francisco de La Palma, Vichuquen
Fuenzalida, Juan de Diaz,
Querelema, Vichuquen
Araneda, Carlos Savedra i Fidel,
Cahuil, Vichuquen
Vallejos, Eusebio,
San Francisco de la Palma, Vichuquen
Barahona, Luis.....Nilahue, Vichuquen
Cornejo, Feliciano.....Nilahue, Vichuquen
Cornejo, Santiago.....Nilahue, Vichuquen
Maturana, Patricio.....Palmilla, Vichuquen
Rodriguez, Test Juan E.,
Pumanque, Vichuquen
Videla, Jose Manuel..Ranquihue, Vichuquen
Casanova, Rafael.....Panama, Vichuquen
Besanilla, J. Manuel Cerda.Guaico, Vichuquen
Mujica, Crispulo.....Lolol, Vichuquen
Valenzuela, Manuel Francisco,
Calihue, Vichuquen
Riveros, Bernardo....Nerquihue, Vichuquen
Cornejo, Feliciano.....La Vega, Vichuquen
Godoi, Maria Josefa...Quisahue, Vichuquen
Montero, Juan.....Quisahue, Vichuquen
Baeza, Juan Silverio....Nilahue, Vichuquen
Hnos, Cardemil.....Culenco, Vichuquen
Fuenzalida, Jesus....Los Negros, Vichuquen
Fuente, Test Antonio de la,
Ranguilf, Vichuquen
Moreno, Felix.....Los Negros, Vichuquen
Ursula, Manuel Jose..Los Negros, Vichuquen
Ursula, Feliciano.....Carrizalillo, Vichuquen
Urzua, Manuel J.....Ranguil, Vichuquen
Valderrama, Jose Maria..Coipos, Vichuquen
Correa, Test Jose M..Maravillas, Vichuquen
Fuentes, Test Antonio...Huerta, Vichuquen
Garces, Eudocio Garces de,
Hualañe, Vichuquen
Garces, Francisco Javier..Hualañe, Vichuquen
Garces, Juan Mauricio..Peralillo, Vichuquen
Palma, Federico Garcia..Parronal, Vichuquen
Garces, Manuel.....Parronal, Vichuquen
Garces, Jose Antonio.....Huerta, Vichuquen
Hnos, Subercasseaux..Remolinos, Vichuquen
Oportos, Elvira Pizarro v de,
Carmelo, Vichuquen
Lisboa, Pedro Rojas.....Coipos, Vichuquen
Garces, Mariana de...Barandica, Vichuquen
Vidal, Gabriel.....Mira-Rios, Vichuquen
Correa (O.), Pedro,
Hacienda de Lontue, Lontue
Maturana, Jose H.,
Hacienda de Lontue, Lontue
Barros, Test Salustio,
Hacienda de Lontue, Lontue
Garces, Angel M.,
Hacienda de Lontue, Lontue
Herrera, Test Oscar,
Hacienda de Lontue, Lontue

Encina, Jose Manuel,
Buena Fe i otros, Lontue
Montt, Santiago.....San Jose, Lontue
Ramirez, Diego,
Santa Justina i otros, Lontue
Donoso, Genaro,
Santa Justina i otros, Lontue
Bascuñan, Anibal.....Los Hornos, Lontue
Vial, Juan de Dios.....El Cerro, Lontue
Talavera, Eduardo.....Santa Lucia, Lontue
Monrroy, Test F. Cortes,
Quechereguas, Lontue
Correa, J. Gregorio,
San Pedro i Lontue, Lontue
Guzman, Diego.....Los Canales, Lontue
Concha, Antonio.....Fortuna, Lontue
Larrain, Alberto..Rinconada i Agial, Lontue
Correa, Francisco.....San Ignacio, Lontue
Correa, Bonifacio.....Lontue, Lontue
Cerda, Enrique....Huerta i Cerrillo, Lontue
Garces, Mariano.....Manzana, Lontue
Garces, Bernardino.....Trapiche, Lontue
Encina, Manuel.....Yacal i Roble, Lontue
Gana, Alberto...Agua fria i Queñas, Lontue
Pontaya, Pedro....Santa Margarita, Lontue
Gana, Carmen Vicuña v de,
Tarruñe i San Pedro, Lontue
Chacayes, Rio Claro i,
Aquiles Valdes, Lontue
Albano, Jose Gregorio C.....Lontue, Lontue
Correa, Jose Pastor.....San Luis, Lontue
Garces, Bernardino.....Requingua, Lontue
Grez, Maria L.....Trapiche, Lontue
Correa, Maria Luisa i Filomena,
Esperanza, Lontue
Covarrubias, Alberto.....Quillayes, Lontue
Garces (G.), Manuel A.....Puyo, Lontue
Garces, Roberto.....Colin, Lontue
Lecaros, Ricardo Reyes.....Colin, Lontue
Grez, Antonio,
Santa Rosa de Peteroa, Lontue
Opazo v de G., Dolores,
San Juan de Peteroa, Lontue
Moñoz de G., Emilia,
Lo Vega i lo Baeza, Lontue
Muñoz, Clodomiro.....Santa Ana, Lontue
Eguigueren, Miguel...Todos Santos, Lontue
Grez (O.), Vicente.....Pequen, Lontue
Reyes, Jose A.....Rara, Lontue
Opazo, Gonzalo.....San Jose, Lontue
Rivadeneira, Ezequiel.....Itagui, Lontue
Fernandez (A.), Elias.....Itagui, Lontue
Leal, Margaritia.....Prosperidad, Talca
Holmann i Jenkina,
Molino de San Juan, Talca

Concha, Test Dionicio.....Retiro, Talca
Vergara, Urbana.....El Eden, Talca
Garreton, Jose.....Florida, Talca
Schleyer i Cia.....Piduco, Talca
Vergara, Ruperto E.....La Palma, Talca
Vitaker, Diego.....La Palma, Talca
Cruz, Test Balbina.....Santa Rosa, Talca
Valdivieso, Ricardo.....Pangulimo, Talca
Vacaro, Andres.....Providencia, Talca
Donoso, Ramon.....Polarco Viejo, Talca
Antuñez, Samuel.....San Rafael, Talca
Gatica, Juan Enrique.....Pangue, Talca
Carmen, Juana, y Agustin Velasco,
Pelarco, Talca
Calvo, Test Julio Cesar.....Manzano, Talca
Correa, Test Diego Vergara....Picazo, Talca
Muñoz, Segundo.....Las Lomas, Talca
Gatica, Rosario v de D.,
Rincon i Zuloaga, Talca
San Cristobal, Francisco A.,
Huencuecho, Talca
Gatica, Rosario v de D.,
Lomas i Futrillar, Talca
Gatica, Rafael.....Mellico, Talca
Silva, Abdon.....Porvenir, Talca
Sanchez (F.), Mariano..Santa Lucia, Talca
Vergara, Agustina v de C.,
Casas Nuevas, Talca
Correa, Vicente.....Llanos, Talca
Ponce, Eusebio v de V.....Montes, Talca
Silva, Jose Antonio.....Chagres, Talca
Oporto, Horacio,
San Antonio de los Robles, Talca
Bascuñan, Vicente A.....San Luis, Talca
Pedregal, Adolfo del.....Bella Vista, Talca
Albano, Elias Fernandez.....Porvenir, Talca
Donoso, Ramon.....Rio Claro, Talca
Opazo, Urcisinio.....Peña Flora, Talca
Correa, Arturo .Vista Hermosa, Talca
Donoso, Test Hermogenes....Galpon, Talca
Donoso, Maria Luisa .....Galpon, Talca
Donoso, Jose Manuel.....Odesa, Talca
Gatica, Rafael .....Maitenes, Talca
Donoso v de D., Domitila..Santa Ines, Talca
Antuñez, Vicente,
Esperanza i Cerro Colardo, Talca
Antuñez, Maria de la L..Bramado i C., Talca
Julio, Samuel Gonzales.....Mariposas, Talca
Correa, Bonifacio Vergara....Perquin, Talca
Ramirez, Test Santiago,
Huenchunquen, Talca
Correa, Jose Vergara.... San Diego, Talca
Correa, Bonifacio Vergara..San Luis, Talca
Cruz v de D., Pastora..Peña Hermosa, Talca
Ramirez, Amador.....Canelo, Talca

Vergara, Angel M.....Pilar, Talca
Ramirez, Test Antonio.....Llanos, Talca
Ramirez, Mateo.....Huenchunquen, Talca
Silva v de S., Emilia.....Estrella, Talca
Silva (S.), Clodomiro.....Llanos, Talca
Donoso, Aurelio.....Llanos, Talca
Luz, Henriquez v de D.,
Quebrada de Agua, Talca
Castro, Emilio.....San Gabriel, Talca
Sepulveda, Adelaida.....Venus, Talca
Silva, Pedro Letelier,
San Carlos i San Camilo, Talca
Henriquez, Manuel J...Flor del Llano, Talca
Astaburruaga de H., Lavinia,
Flor del Llano, Talca
Cruz v de D., Pastora.....Aurora, Talca
Trucco, Ernesto.....Mercedes, Talca
Silva, Froilan.....Aurora, Talca
Luz, Enrique v de D.....San Pedro, Talca
Sepulveda, Test Jose Tomas...Aurora, Talca
Silva, Avelina.....Aurora, Talca
Silva, Benigna.....Aurora, Talca
Pozo, Jose M.....Aurora, Talca
Fernandez (R.), Jose A.....Perales, Talca
Venegas, Miguel.....Peumo Negro, Talca
Gana, Segundo.....Lurin, Talca
Silva v de C., Camila....Santa Elena, Talca
Encina, Filoromo.....Miraflores, Talca
Riveros, Manuel F.....San Antonio, Talca
Nalton, J. Francisco.....Oriental, Talca
Jenkins, Jorge B.....San Miguel, Talca
Vicuña de O., Elena.....San Miguel, Talca
Opazo, Francisco.....Huirquilemo, Talca
Opazo, Test Gonzalo.....Huirquilemo, Talca
Gana v de R., Mercedes.....Sauce, Talca
Donoso, Pastora Crux v de..Pequenes, Talca
Donoso, Primitivo.....Palmira, Talca
Donoso, Justina Cruz v de....Palmira, Talca
Moreno, Test Guillermo..Ranquenulu, Talca
Arrieta, Jose.....Porvenir, Talca
Vaccaro, Andres.....Santa Elena, Talca
Donoso, Jose J.....Pocillos, Talca
Borgoño, Manuel T.....Pocillos, Talca
Moreno, Test Guillermo,
Las Mercedes, Talca
Gatica v de D., Rosario.....Oriente, Talca
Correa, Test Diego Vergara,
Purisima, Talca
Cruz v de A., Maria de la,
San Vicente, Talca
Vergara, Daniel.....Santa Teresa, Talca
Silva, Abdon.....Santa Teresa, Talca
Williams, Luis.....Huirquilemo, Talca
Cruz, Mateo Donoso.....San Antonio, Talca
Liron, Juan A.....Lircai, Talca
Azocar v de S., Natalia.....Lircai, Talca
Donoso, Primitivo.....San Miguel, Talca
Donoso, Jose T.....Huirquilemo, Talca
Bazcuñan, Maria del C.....Quinta, Talca
Holman, Jenkins i Cia.....Esmeralda, Talca
Letelier, Ismael,
Santa Matilde i San Luis, Talca
Uteau, Pedro.....San Valentin, Talca
Silvana, Carmen i Rosario Corvalan,
Maiten, Talca
Silva, Froilan.....Litue, Talca
Vicuña, Elena.....Peña, Talca
Opazo, Urcisinio.....Maiten Guapi, Talca
Correa, Test Jose Manuel....Cristales, Talca
Silva, Froilan.....Buena Vista, Talca
Escobar, Jose.....San Jose de P., Talca
Jiron, Agustin.....Palmas, Talca
Hevia, Anselmo.....Capellania, Talca
Bravo, Daniel E.....Peral, Talca
Concha, Angel C.....Doscientos, Talca
Correa, Test Jose M.....Aguada, Talca
Grez, Pastora.....Patagua, Talca
Vergara (R.), Francisco.....Rauquen, Talca
Bravo (B.), Jose Luis..Maitencillo, Talca
Carrasco, Francisco.....Puntilla, Talca
Donoso, Eduardo.....El Oeste, Talca
Gomez, Francisco J.....Pocoa, Talca
Opazo, Urcisinio.....Almendro, Talca
Tizas.....Lucinda Labra, Talca
Azocar, Rosario, Hnos.....Maiten, Talca
Arancibia, Test Baldomero...Numpai, Talca
Bascuñan de B., Aurora....San Juan, Talca
Cruz, Juan E.....San Miguel, Talca
Frazo, Test Juan C.....Bellavista, Talca
Bravo, Baltasar.....San Juan, Talca
Bascuñan (C.), Arturo....Capellania, Talca
Reyes, Jose Maria....Viñas Perdidas, Talca
Silva, Guillermo i Marco A...Parron, Talca
Cruz, Venceslao.....Parron, Talca
Toro (C.), Carlos.....Parron, Talca
Arancibia i Hnos, Agustina....Pirque, Talca
Cruz, Juan E.....Vista Hermosa, Talca
Cruz, Constantino.....Quiñanto, Talca
Concha, Test Ambroiso...Santa Ines, Talca
Cruz, Test Rosario C. V de,
Santa Ines, Talca
Cruz, Test Cristobal....Monte Alegre, Talca
Donoso, Ana L. i Hnos,
Potreros de Maule, Talca
Fuanzalida v de C., Señora..La Obra, Talca
Gana, Test Florencio.....Verbena, Talca
Mandiola, Jose Bernardo....San Jose, Talca
Reyes, Jose Maria.....Quiripeumo, Talca
Sepulveda, Miguel Joaquin..Callejones, Talca
Silva, Enrique.....Armonia, Talca

Cruz, Venceslao.....Armonia, Talca
Antuñez, Vicente.....Bella Union, Talca
Concha v de H., Josefa.....Chequen, Talca
Concha v de D., Joaquin.....Chequen, Talca
Giron, Juan A.....Perquin, Talca
Urzua i Cia, Luis.....Duao, Talca
Vergara, Juan Bautista....Trasfalgar, Talca
Williams, Luis.....Los Maitenes, Talca
Montero, Manuel.....Los Maitenes, Talca
Correa, Jose Vergara..Los Maitenes, Curepto
Letelier, Dionisio Jose..Pumunquen, Curepto
Leterier, Waldo.....Depun, Curepto
Leterier, Test Francisco...Rincones, Curepto
Gonzalez, Vicente.....Paraguai, Curepto
Donoso, Salome Vergara,
San Francisco de Paula, Curepto
Alliste, Gregorio.....Rapilermo, Curepto
Garces, Bernardo.....Tonlemo, Curepto
Letelier, Vidal.....Guaquen, Curepto
Lehygton, Francisco.....Tonlemo, Curepto
Urzua (V.), Pedro.....Tajos, Curepto
Gonzalez, Antonio.....Coipue, Curepto
Nuñez, Margarita.....Higuerilla, Surepto
Valenzuela, Mercedes.....Libun, Curepto
Urzua, Santiago.....Libun, Curepto
Silva, Pedro Silva.....San Pedro, Curepto
Riquelme, Zoraida.....Libun, Curepto
Sepulveda, M. Joaquin.....Libun, Curepto
Correa, Demetrio....Los Henachos, Curepto
Letelier, Ismael.....Rosal, Curepto
Correa, Demetrio G.....Guindo, Curpeto
Rojas, Hermenejildo.....Panhuao, Curepto
Leterier, Andres.....Pisco, Curepto
Cervero, Test Jose.....Quivolgo, Curepto
Astaburruaga, Test Sotero,
La Puente i Agua Blanca, Curepto
Morel, Juan.....Bella Vista, Curepto
Barrios, Concepcion.....La Junta, Curepto
Bravo, Jose Luis.....Putu, Curepto
Barrios, Jose M.....Talpen, Curepto
Meza, Francisco.....Curtiduria, Curepto
Ocampo, Constancia Pando v de,
San Javier, Loncomilla
Dupaz v de C., Martina,
San Javier, Loncomilla
Jordan (P.), Eduardo,
Chanquico, Loncomilla
Encina, Pacifico.....Chanchico, Loncomilla
Andrade, Santos Pio..Bobadilla, Loncomilla
Albornoz, Test Fructuoso,
Bobadilla, Loncomilla
Guzman, Diego.....Maule, Loncomilla
Rodriguez, Jose A.....Maule, Loncomilla
Rio, Doroteo del.....Maule, Loncomilla
Larrain, Test Romero....Maule, Loncomilla
Arnaud v de E., Justino,
Peñasco, Loncomilla
Cerda (C.), Jose Luis....Sauce, Loncomilla
Mendez, Serapio.....Sauce, Loncomilla
Armanet, Adolfo.....Reyes, Loncomilla
Cruzat, Manuel.....Lancomilla, Loncomilla
Cerda, Jose L. de la,
Barros Negros, Loncomilla
Espinosa, Juan de P....Guiones, Loncomilla
Pedregal, Adolfo del,
Potrero Grande, Loncomilla
Fontoval, Rosa.....Gaipielo, Loncomilla
Encina, Cesarion..Barros Negros, Loncomilla
Gatica, Rosario.....Lancomilla, Loncomilla
Garcia, Manuel Gregorio..Chocoa, Loncomilla
Muñoz, Agustin.....Montoneros, Loncomilla
Noguera Hnos.....Esperanza, Loncomilla
Rivera, M. del C.....Patagua, Loncomilla
Aztorquiza, Ascencio....Lincura, Loncomilla
Arancibia, Test Baldomero,
Cunaco, Loncomilla
Donoso, Espaminondas,
Peña Flor, Loncomilla
Encina, Sabina.....Peña Flor, Loncomilla
Garcia, Feliciano.....Coibungo, Loncomilla
Baros, Fabio.....Cunaco, Loncomilla
Rodriguez, Rufino....Batudahue, Loncomilla
Rodriguez, Aniceto.....Arenas, Loncomilla
Encina, Cesario.....Batudahue, Loncomilla
Campo, Fidel del...San Agustin, Loncomilla
Manzano, Aurelio.....Calivoro, Loncomilla
Calivoro, Esteban.....Calivoro, Loncomilla
Moran, Dionicio.....Botacura, Loncomilla
Villalobos, Ramon,
Tabon Tinaja, Loncomilla
Encina, Cesario...Santa Javiera, Loncomilla
Gatica, Rosario.....Cajones, Loncomilla
Arancibia, Baldomero,
San Baldomero, Loncomilla
Armanet, Adolfo...Villavicencio, Loncomilla
Azocar, Jose Miguel,
Villavicencio, Loncomilla
Noguera, Alfredo.....Vaqueria, Loncomilla
Cruzat, Manuel J.....Palquial, Loncomilla
Mendez, Serapio.....Guindo, Loncomilla
Garcia, Justo.....Huigueras, Loncomilla
Concha, Test Jesus...Las Canas, Loncomilla
Concha, Eliseo....San Cayetano, Loncomilla
Cruz, Constantino....Las Minas, Loncomilla
Chaparro, Rafael....San Manuel, Loncomilla
Gana, Federico.....El Rosario, Loncomilla
Silva, Pedro-Letelier,
Arrayanes, Loncomilla
Sepulveda, Bartolo..San Bartolo, Loncomilla
Encina, Pacifico....San Antonio, Loncomilla

Ibañez, Eulogio.....Bellavista, Loncomilla
Firth, Guillermo.....Soledad, Loncomilla
Larrain, Antonio....San Antonio, Loncomilla
Alamos, Carlos,
San Victor i otros, Loncomilla
Ibañez, Juan de la C....Culmen, Loncomilla
Vazquez, Gragorio,
Vrgas de Salas, Loncomilla
Bustamente, Beatriz..San Pedro, Loncomilla
Firth, Guillermo.....Almendro, Loncomilla
Urrutia, Jose Maria,
Esperanza i Macal, Loncomilla
Urrutia, Milagro,
Esperanza i Macal, Loncomilla
Ponce, Juliana,
Lomas de Vasquer, Loncomilla
Rosa, Nicanos....6a de Longavi, Loncomilla
Urrutia, Salvador,
7a de Longavi, Loncomilla
Valdes, Fabio O..1a de Longavi, Loncomilla
Benavente, Jose.....Rosas, Loncomilla
Rozas, Juan A....Las Mercedes, Loncomilla
Rozas, Nicanor...Las Mercedes, Loncomilla
Valdes, Ramon O.,
5a de Longavi, Loncomilla
Jordan, Luis.....San Gabriel, Loncomilla
Vasquez, Maria del R.,
San Manuel, Loncomilla
de Azua, Manuel Real,
8a de Longavi, Loncomilla
Pereira, Luis.....8a de Longavi, Loncomilla
Loyola, Domingo.....Lollinco, Loncomilla
Ocampo, Rodolfo.....Bodega, Loncomilla
Firth, Guillermo.....Palmilla, Loncomilla
Valenzuela, Labislao,
Peral i Batuco, Loncomilla
Cuellar, Juan R.,
Peumo de Gloria, Loncomilla
Dobles, Tomas.....Santa Teresa, Loncomilla
Gonzalez, Jose de la Cruz,
Puipuyen, Loncomilla
Bobadilla, Adolfo,
Sta. Ana i Puquios, Loncomilla
Concha, Lucio.....Rosas, Loncomilla
Cruz, Miguel.....San Juan, Loncomilla
Ferrada, Test Francisco,
San Francisco de los Montes, Loncomilla
Concha, Ambrosio.....Quilipin, Loncomilla
Sepulvera, Vicente...San Ramon, Loncomilla
Lillo, Juan de Dios,
San Juan de Dios i otros, Loncomilla
Campos, Pedro Basclato,
Abranquil, Loncomilla
Noguera, Samuel.....Esperanza, Loncomilla
Urzia, Luis Valentia..Abranquil, Loncomilla
Antuñez, Daniel.....San Bertin, Loncomilla
Benavente, Test Jose Vicente,
Santa Eduvijis, Loncomilla
Monroy, Juan Miguel C.,
Mercedes de Arquen, Loncomilla
Delano, Test Guillermo H.,
Santa Maria, Loncomilla
Silva, Samuel.....Flor Maria, Loncomilla
Ferrada, Test Francisco...Queri, Loncomilla
Lillo, Juan de Dios.....La Flor, Loncomilla
Mena, Test Urbano,
Carmelo de Arquen, Loncomilla
Carvajal, Rafael.....Santa Elena, Loncomilla
Solar, Francisco Pinochet,
San Ignacio, Loncomilla
Ortuzar, Ramon Valdes,
Santa Ana, Loncomilla
Merino, v. de B. Zoila,
San Agustin, Loncomilla
del Rio, Doroteo.....Lisonjera, Loncomilla
Donoso Hermanos,
Colbun i Frutillar, Loncomilla
Donoso, Test Baltasar,
La Brisa, Loncomilla
Donoso, Francisco Solano,
Caracol i Media Maquina, Loncomilla
Opazo, Elena Vicuña v de,
San Dionisio, Loncomilla
Opazo, Elena Vicuña v de,
Panimavida, Loncomilla
Lillo, Laurencio,
Santa Dolores i otros, Loncomilla
Salgado, Manuel Antonio,
Basaes, Loncomilla
Cruz, Test Anselmo.Curillinque, Loncomilla
Andrade, Santos Pio,
San Jose i Pattaguas, Loncomilla
Donoso Hnos.....San Nicolas, Loncomilla
Campo, Fidel del...Santa Elena, Loncomilla
Gonzalez, Jose de la Cruz,
Panimavida, Loncomilla
Opazo v. de B. S. Esperanza,
San Francisco de los Baños, Loncomilla
Campo, del Ezequiel,
San Rafael, Loncomilla
Basolato, Luis.....San Ignacio, Loncomilla
Lillo, Juan de Dios....El Sauce, Loncomilla
Ferrada, Test Francisco,
San Ignacio, Loncomilla
Jordan, Test Manuel.....Rari, Loncomilla
Solar, Agustin del.....San Carlos, Parral
Urrutia, Lucia,
Cipreses, Peral i Molino, Parral
Madarriaga, Carmen I. v. de,
Higuera i Tunal, Parral
Farrada, Margarita.....San Pedro, Parral

Nuñez, Geronimo.....Santo Tomas, Parral
Ibañez, Eugenio.....Bellavista, Parral
Urrutia, Manuel.....Cardos, Parral
Ferrada, Ezequiel i Hnos.....Selva, Parral
Urrutia, Juan de D....Nabos i otros, Parral
Ross de E., Juana,
San Nicolas i Conejo, Parral
Benavente, Luis.....San Luis, Parral
Subercasseaux, Francisco. San Ramon, Parral
Montes, Gumercindo.....Huiguerilla, Parral
Urritia, Santiago.....Membrillo, Parral
Jordan, Test Manuel,
Almendro i otros, Parral
Benavente, Rafael.....Cuñas, Parral
Jordan, Rafael P.....Bureo, Parral
Prats, Gumercindo..Cerro Espinudo, Parral
Gleisner, Mauricio i Cia...Las Casas, Parral
Luco, Ramon Barros.....Santa Rosa, Parral
Gonzales Hnos, G.....Maitenes, Parral
Gleisner, Mauricio i Cia,
Fabrica de Azucar, Parral
Vargas, Mercedes.....La Granja, Parral
Vargas, Juan de Dios.....Piguchen, Parral
Valdes, Santiago.....Nogales, Parral
Palma, Leoncio.....Retiro, Parral
Gleisner, Mauricio, i Cia,
Molino San Juan, Parral
Geramillo, Pedro Jose...San Ignacio, Parral
Reyes, Camilo Garcia.....Robles, Parral
Cana, Jose Francisco...Santa Delfina, Parral
Rosa v. de B., Maria Luisa....Robles, Parral
Sotta, Domingo de la....Ajial i otros, Parral
Zañartu, Nicanos.....Ajial i otros, Parral
Valdes, Alejandro.....San Marcos, Parral
Parodi, Pablo.....Huitiquito, Parral
Amaran, Rafael.....Copihue, Parral
Larrañaga, Rafael.....Quillaimo, Parral
Benavente, Jose M.....Las Camelias, Parral
Madarriaga, Rosario.....El Olivo, Parral
Cordovez, Elias.....El Olivo, Parral
Guilbert, Felisa Ferve de,
Baños de Catillo, Parral
Alvear, Calmen.....Raren, Constitucion
Espinosa, Juan Carmen i Miguel,
Naine, Constitucion
Olea, Test.....Galumavida, Constitucion
Pinochet, Juan Miguel,
Queneguado, Constitucion
Rodriguez, Jose Leon..Florida, Constitucion
Rodriguez, Francisco,
Santa Rosa, Constitucion
Pinochet, Ismael...Truquilemo, Constitucion
Rios, Doroteo.....Purapel, Constitucion
Meza, Test.....Purapel, Constitucion
Albornoz, Manuel F..El Mono, Constitucion
Concha, Eliseo.....San Ramon, Constitucion
Pinochet, Test Juan M.,
Remolino, Constitucion
Villalobos, Jovino..Santa Rosa, Constitucion
Concha, Eliseo...San Cayetano, Constitucion
Villalobos, Jose T.....Maquis, Constitucion
Pinochet (S.), Jose Manuel,
Pilen i Pilquicura, Cauquenes
Pinochet (S.), Jose Ignacio,
El Morro, Cauquenes
Montero, Manuel J..San Miguel, Cauquenes
Trucco, Enrique E..Aldea i Pilen, Cauquenes
Rio, Juan Jose del.....Boldo, Cauquenes
Cortez, Guillermo.....Tomenelo, Cauquenes
Rio, Doroteo del,
Villa Vista i Vega, Cauquenes
Merino, Fidel S.,
Villa Vista i Vega, Cauquenes
Ramos, Miguel.....Santa Clara, Cauquenes
Villalobos, Francisco S....Garza, Cauquenes
Torre, Liborio de la,
Santa Dolores, Cauquenes
Canto, Luis A.....Canto Medan, Cauquenes
Pinochet (G.), Jose I.,
San Ignacio i lo Elvira, Cauquenes
Aravaña, Leonardo...Hilochegua, Cauquenes
Alvear, Carmen,
Pedernales i Anexos, Cauquenes
Lavin, Joaquin L.,
Chonchon i Agricultura, Cauquenes
Lavin, Claudina U. v de,
Belco i Roma, Cauquenes
Acevedo, Eneas R.,
Estrella del Maule, Cauquenes
Villalobos, Manuela,
San Augustin, Cauquenes
Jara, Pedro Jose.....Oriente, Cauquenes
Fernandez (U.), Manuel..Boldo, Cauquenes
Espinosa, Test Juan de,
Higuera i otros, Cauquenes
Fernandez v de M., Isabel,
San Francisco, Cauquenes
Bustos, Irenio.....Llallehue, Cauquenes
Rojas, Test Jorge.....Virquen, Cauquenes
Urrutia, Claudina.....Pichun, Cauquenes
Varas, Venceslao.....Porvenir, Cauquenes
Rio, Doroteo del.....Valdivia, Cauquenes
Lazo, Roberto.....Corral Viejo, Cauquenes
Peñailillo, Feliciano,
Puquiterquii i Montaña, Chanco
Hurtado, Monica V. de,
Aguada i Esmeralda, Chanco
Manriquez, Bonifacio,
Bella Uion i otros, Chanco
Rio, Doroteo del.....San Ignacio, Chanco

Opazo, Juan Antonio...San Ignacio, Chanco
Rondanelli, Octavio.....Morro, Chanco
Arangua, Mercedes Olea v de,
Galumavida, Chanco
Badilla, Manuel Jesus...Galumavida, Chanco
Verdugo, Ejidio.....Huillin, Chanco
Leon, Juan de Dios,
Chipre i Cerro Alegre, Itata
Campo (G.), Jose del C....La Quinta, Itata
Concha (M.), Pedro A.,
San Pedro Rentocura i otros, Itata
Muñoz v de M., Maria..Manquimiliu, Itata
Maira, Test Blas.....San Jose, Itata
Letelier, Test Emeterio.....Guanaco, Itata
Coloma, Cipriano.....Manzano, Itata
Lamas (B.), Luis.....Quilpolemu, Itata
Fuentealba (M.), R. Luis..Doñimuelo, Itata
Pga (B.), Federico 2o..La Quebrada, Itata
Pinochet, Jose Manuel....Tregualemu, Itata
Pinochet, Ruperto.....Tregualemu, Itata
Pinochet, Jose I.....Tregualemu, Itata
Pinochet, Javier.....Tregualemu, Itata
Muñoz v de M., Maria.....Copiolemu, Itata
Molina v de V., Mariana....Nogueche, Itata
Vera v de G., Augustina,
Potrero del Rei, Itata
Garces, Francisco J.....Quiriquiño, Itata
Vega, Gregorio 2o.....Neguinto, Itata
Gajardo, Juan P.,
Laurel, El Robo i otros, Itata
Lamas, Test Victor.....Huilatagua, Itata
Mulet, Augustin.....Monte del Zorro, Itata
Pradenas, Francisco.....Comuyao, Itata
Campos (G.), Ramon.....Leuque, Itata
Urrutia (B.), Luis.....Torreon, Itata
Ceballos, Florencio.....Antequero, Itata
Gonzalez, Vespaciano.....Trancoyan, Itata
Orellana, Serafin.....Los Maquis, Itata
Arancibia, Test Jose Timoteo,
Los Maquis, Itata
Lafuente, Manuel J.....Santa Susana, Itata
Menendez, Juan Bautista..Puerto Olas, Itata
Alamos, Nicolas.....Portezuelo, Itata
Mendez, Juan Bautista.....Torreon, Itata
Stuardo, Test Juan Jose....La Huerta, Itata
Palma, Ignacio A.....San Francisco, Itata
Collao, Test Miguel Ignacio....Taiguen, Itata
Palma, Test Justiniano.....Taiguen, Itata
Palma, Leoncio.....Cucha-Cucha, Itata
Menchaca, Tomas,
El Carmen de Cuchas, Itata
Cox, Guillermo.....Cucha-Cucha, Itata
Zuñiga, Ramon.....Llahue, Itata
Gomez v de G., Test Domitila,
Manzanares, Itata
Gomez, Jose Faustino.....Manquimiliu, Itata
Garces, Ignacio.....Santa Rosa, Itata
Novoa, Juan de D.....Renquil, Itata
Benavente, Eduvijis.....Panquilemu, Itata
Benavente, Juan N.....Collipeumo, Itata
Codina, Javier.....San Augustin, Itata
Campos (G.), Test Ramon...Chimilto, Itata
Benavente, Juan B.....Coronel, Itata
Hnos, Maira.....Llohue i Rincon, Itata
Borne, Federico Puga,
Tierras Coloradas, Itata
Medina, Isidora.....Felicidad, Itata
Mulgrew, Gillermo.....Lircai, Itata
Lamas, B. Aurelio.....Curimaqui, Itata
Bustos, Pedro Tomas.....Mangarral, Itata
Paredes, Test Tiburcio.....Curica, Itata
Pinochet (S.), Ruperto.....Huaico, Itata
Buroa, Francisco.....Alamo, Itata
Dominguez, Benjamin,
Parron i Santa Julia, Itata
Benavente, Ramon M..Ovejerias Negras, Itata
Fernandez, Victor M.,
Huedque i Montana, Itata
Bustos, Juan de D.,
La Raya, Alamos i Membrillo, Itata
Silva, Baldomero.....Lurin, San Carlos
Acuña, Test Filipe,
Viñilla i Ablemo, San Carlos
Dutaitier, Juan B....Curtiduria, San Carlos
Gonzalez, Francisco..Santa Sara, San Carlos
Lillo, Juan de Dios,
Gaona i Huerta, San Carlos
Condarco, Carlos Alvarez,
Molino, San Carlos
Solar, Pedro Juan.....Molino, San Carlos
Sepulveda, Beatriz....Santa Isabel, San Carlos
Castro, Jose Maria..Santa Rosa, San Carlos
Martin, Pelegrin.....Cocharcas, San Carlos
Simonetti, Domingo,
Cuadropangui, San Carlos
Pino, Avelino.....Cuadropangui, San Carlos
Plumer, Carlos.....Quintello, San Carlos
Rodriguez, Test Emilio,
Monte Blanco, San Carlos
Moreira, Jose Augustin,
Pomugueto i Bohorque, San Carlos
Falcon, Francisco...Pomuguetto, San Carlos
Velasco, Emilio,
Maria Teresa de Pomugueto, San Carlos
Urrejola, Rafael....Pomuguetto, San Carlos
Munita (G.), Test Manuel,
San Agustin, San Carlos
Ortiz, Apolinario.....Culenco, San Carlos
Urrutia, Fidel.....Lircai, San Carlos
Ortiz, Feliciano.....Vidihue, San Carlos

Montane, Carlos.....Vidihue, San Carlos
Maira, Test Blas.....Junquillo, San Carlos
Arrau, Benjamin.....Niquen, San Carlos
Edwards, Juana Ross de,
Ranchillo, San Carlos
Rivas, Juan Francisco....Zemita, San Carlos
Villegas, Emilio....Los Morros, San Carlos
Cox, Guillermo ....Los Morros, San Carlos
Montecino, Juan E..Los Morros, San Carlos
Rivas, Juan Francisco...Virguin, San Carlos
Urrutia, Juan de Dios..Milloipin, San Carlos
Benavente, Diego,
Trana de Amengoi, San Carlos
Pinochet, Luisa....Huillipatagua, San Carlos
Martin, Peligrin.....Maravilla, San Carlos
Martin, Eduardo,
Changaral i Trilico, San Carlos
Martin Leoncio.....Guaihue, San Carlos
Ortiz, Camilo,
Guillinco i Llano Blanco, San Carlos
Benavente, Pilar.....Quiñihuao, San Carlos
Benavente, Eduvijis..Panguilemo, San Carlos
Solar, Jose Maria.....Coipin, San Carlos
Ruiz, Jose Zenon...San Nicolas, San Carlos
Poblete, Test Miguel..San Nicolas, San Carlos
Cox, Guillermo. .....Curica, San Carlos
Contreras, Cristobal.....Ala, San Carlos
Martin, Pelegrin.....Ala, San Carlos
Arancibia, Test Timoteo....Ala, San Carlos
Novoa, Juan de D..Santa Clara, San Carlos
Garcas, Pantaleon....Cocharcas, San Carlos
Valenzuela, Pedro.....Dadinco, San Carlos
Martin, Ismael.....Purayal, San Carlos
Martin, Pelegrin.....Purayal, San Carlos
Smith, Josue.....San Jose, San Carlos
Merino, Juan N.....Lilahue, San Carlos
Castro, Jose Maria.....Trilico, San Carlos
Navarro, Fernando de Roza,
Monte Leon, San Carlos
Martin, Pelegrin.....Guanguali, Chillan
Zañartu, Miguel A.....Maipon, Chillan
Puga v de B., Elisa..... Santa Elisa, Chillan
Mardones, Sotano.....Las Higueras, Chillan
Lantaño, Fernando .....Nuble, Chillan
Mardoñes, Abelardo....Caquencaqui, Chillan
Jaque, Pedro R.....Caquencaqui, Chillan
Zaldivar, Ricardo.....Miraflores, Chillan
Cruz, Elias de la.....Casico, Chillan
Martin, Leoncio.....El Guape, Chillan
Poblete, David N.....San Miguel, Chillan
Schleyer, Juan.....Colihues, Chillan
Borques, Test Diego J.....Pelehue, Chillan
Acuña, Juana.....Las Peñas, Chillan
Paredes, Test Bernardo.....Quilpon, Chillan
Solar, Pedro.....Luntaro, Chillan
Alamos, Nicolas,
Las Nieves i San Nicolas, Chillan
Acuña, Test Esteban.....Boyen, Chillan
Arias, Test Juan.....San Juan, Chillan
Collin, Luis.....El Gato, Chillan
Lagos, Candido.....Boyen, Chillan
Solar, Jose Puga.....Carrizal, Chillan
Rivera, Juan de Dios,
Vegas de Saldias, Chillan
Schleyer, Juan.....Canelos, Chillan
Videla, Julio Garcia.....El Hoyo, Chillan
Gainza, Juana de la Cruz..Esperanza, Chillan
Gallegos, Venancio.....Monte Rico, Chillan
Rivera, Benjamin.....Monte Urra, Chillan
Paredes, Test Bernardo,
San Bernardo, Chillan
Gazmuri, Gonzalo.....Reloca, Chillan
Falcon, Francisco.....Monte Urra, Chillan
Castro, Jose Maria.....Monte Urra, Chillan
Ayala, Juan Joe.....Talquipen, Chillan
Prieto v de Valenzuela, Milagro,
Relbunco, Chillan
Lantaño, Rosario.....Victoria, Chillan
Kaiser, Jose.....Caleal, Chillan
Pantoja, Delfin.....Ranquililahue, Chillan
Larrachea, Juan de.....Talquipen, Chillan
Labarca, Rita .....Vega Jimenez, Chillan
Rodriguez, Tirso.....Queñes, Chillan
Mendez (U.), Vicente..Bustamente, Chillan
Rodriguez, Tirso,
Camino de Bustamente, Chillan
Mendez (U.), Juan B.....Calabozo, Chillan
Gana, Micaelina.....Casa de Table, Chillan
Zañartu, Test Arturo....Santa Clara, Chillan
Sepulveda, Adriano.....Alico, Chillan
Zañartu, Test Arturo.....Alico, Chillan
Cox, Guillero.....La Piedra, Chillan
Zañartu, Hipolito.....El Carmen, Chillan
Droully, Martin.....Nahueltoro, Chillan
Gana, Micaelina..Rinconada del Cato, Chillan
Arrau, Test Dario.....Romeral, Chillan
Barros, Luis.....Conquegua, Chillan
Unzueta, Test Manuel....Santa Rita, Chillan
Zañurto, Test Arturo.....Peral, Chillan
Sepulveda, Nicolas.....San Luis, Chillan
Arrau, Ramon U.....Maunca, Chillan
Martin, Ismael....San Jose de Cato, Chillan
Urrutia, Alejandro.....San Martin, Chillan
Castro, Jose Maria.....La Capilla, Chillan
Zañurto, Test Arturo.....Reloca, Chillan
Davila, Mercedes V. v de.....Larqui, Bulnes
Briones, Pedro A.....Santa Amalia, Bulnes
Acuña, Juana.....Larqui i Piti, Bulnes
Arcago, Anjel.....Gallipavo, Bulnes
Zapata, Test Carlos P....Buenavista, Bulnes

Zapata v de Palacios, Juena, Santa Clara, Bulnes
Alamos, Victor.....El Roble, Bulnes
Schleyer, Juan.....Libui, Bulnes
Troncoso, Juan B.....Libui, Bulnes
Troncoso, Ricardo.....Libui, Bulnes
Lecaros, Test Alberto Valdes, El Carmen, Bulnes
Sotta, Rafael de la....Llano Blanco, Bulnes
Rozas, Luis Urrutia....Agua Buena, Bulnes
Puga v de Puga, Rifina.Santa Rufina, Bulnes
Contreras, Domingo.....San Rafael, Bulnes
Valdes, Santiago.....San Rafael, Bulnes
Barros, Pedro.....San Rafael, Bulnes
Palacios v de G., Clara...San Rafael, Bulnes
Errazuriz, Elisa.....San Rafael, Bulnes
Palacios v de G., Juana..San Rafael, Bulnes
Pinto, Juana Rojas.....San Rafael, Bulnes
Borne, Rafael.....San Rafael, Bulnes
Squella, Ismael.....Carrizalillo, Bulnes
Salazar, Manuel de la Cruz..Lameles, Bulnes
Sotta, Rafael de la.....San Javier, Bulnes
Borne v de P., Vitalia..Santa Isabel, Bulnes
Pinto, Juan Rozas.....San Javier, Bulnes
Rozas, Javier Urrutia....San Javier, Bulnes
Rozas, Carlos Urrutia....San Javier, Bulnes
Rozas, Nieves Urrutia....San Javier, Bulnes
Rozas, Juan de Urrutia...San Javier, Bulnes
Bueno, Rosario Lantaño.....Colton, Bulnes
Glen, Test Amelia.....Colguan, Yungai
Dueñas, Amelia.....Las Cruces, Yungai
Aedoo, Pedro.....Colguan, Yungai
Zerrano, Mariano.....Dañicalqui, Yungai
Rio, Aristides del.....Los Puquios, Yungai
Banco Hipotecario.....Grancios, Yungai
Errazuriz, Alberto Valdes..Pemuco, Yungai
Hurtado, Manuel.....Casa Blanca, Yungai
Urrejola, Daniel.....Culenco, Yungai
Brunett, Ignacio.....Rosal, Yungai
Collao Hnos.....San Miguel, Yungai
Brunett (G.), Ignacio, Rocul i San Pedro, Yungai
Valdes (E.), Alberto.....Camarico, Yungai
Rozas, Ignaci Urrutia..San Vicente, Yungai
Rozas, Nieves Urrutia..San Vicente, Yungai
Bravo, Joaquin.....Alacalco, Yungai
Alamos, Joaquin.....El Cipres, Yungai
Rubilar, Test Ramon....San Vicente, Yungai
Benavente, Rafael.....San Vicente, Ypngai
Sotta, Rafael de la.....San Vicente, Yungai
Muñoz, Test, Eduardo...Los Riscos, Yungai
Kaiser i Bozzo.....Bellavista, Coelemu
Ramos, Jose Tomas.....Molino, Coelemu
MacKay, Guillermo.Palo de Pierna, Coelemu
Adwandter, Jorge.....Reñeque, Coelemu
Palma e Hijo.....California, Coelemu
Pastor, Eduvijis G. de...California, Coelemu
Varela, Fedrico.....Majuelo, Coelemu
Gundelach, Test J. Simon, Las Aulilas, Coelemu
Fenier, Test Fernando.....Nipas,Coelemu
Plumer, Pablo.....Galpon, Coelemu
Benavente, Ramon.....La Granja, Coelemu
Solar, Guillermo del..Carmacahuin, Coelemu
Wardt, Alfredo.....Rincon, Coelemu
Lawrence, Guillermo....Metrenquil, Coelemu
Aceituno, Pacifico.....Dirijianu, Coelemu
Martinez, Lizandro.....Belenunque, Coelemu
Luco, Ramon Leon.....Ranquil, Coelemu
Rojas, Test Rufino, Santa Rosa i Quinta, Coelemu
Reyes, Jose del Carmen..San Nicolas, Coelemu
Mendez, Juan Bautista.....Bularco, Coelemu
Casanueva, Eduardo....El Carmen, Coelemu
Galan, Nicolas.....Santa Rita, Coelemu
Olivares, Manuel.....Conuco, Coelemu
Fuenzalida (S.), Jose Fernandez, Guarilihue i Conuco, Coelemu
Vera, Pedro Muñoz.....Leonora, Coelemu
Burgos, Benjamin.....La Reforma, Coelemu
Saavedra, Test Victoriano, La Reforma, Coelemu
Delano, Jorge.....Quilteu, Coelemu
Pastor, Enrique.....Laurel, Coelemu
Castellon, Juan.....Bellavista, Coelemu
Castellon, Camilo.....Banancal, Coelemu
Conchas, Guillermo.....Patagas, Coelemu
Larenas, Test Exequiel....Miraflores, Coelemu
Palma, Fernando.....Tablon, Coelemu
Rio, Roberto del.....San Jose, Coelemu
Casanova, Eduardo...Casa Blanca, Puchacai
Henriquez, Clotilde, Panquehue i otros, Puchacai
Martinez, Ruperto.....San Nicolas, Puchacai
Muñoz, Fortunato, Trubunquen i Chequen, Puchacai
Reyes v de Vera, Test Margarita, Tracacura, Puchacai
Pinochet, Gregorio A.....Retamo, Puchacai
Martinez, Lucretia.....Callico, Puchacai
Urrejola, Manuel.....Copielemu, Puchacai
Urrejola, Clara.....Camarico, Puchacai
Espina, Tadeo Cerda.....Coyanco, Puchacai
Walson, Juan.....El Milagro, Puchacai
Vargas, Test Baldomero..Cienago, Puchacai
Novoi, Agustin Vargas..El Quillai, Puchacai
Gonzalez, Joaquin, San Juan de Dios, Puchacai
Burgos, Gregorio.....Yoyahue, Puchacai
Pradel, Juan...San Ramon i otros, Puchacai

Romero, Jose Gomez,
Sta Juvenalia de Quinet, Puchacai
Pino, Samuel del,
Santa Rosa i otros, Puchacai
Victoriano, Francisco,
San Joe i otros, Puchacai
Melo, Martiniano.....Quinta, Rere
Mahuzier Hnos.....Quillai, Rere
Muñoz, Telesforo.....Tusculano, Rere
Uslar, Guillermo.....San Cristobal, Rere
Daroch, Leoncio.....Misque, Rere
Burgos, Gregorio.....Curanilahue, Rere
Buff, Maximiano.....La Aguada, Rere
Dueñas, Emilio.....El Salto, Rere
Benavente, Diego.....La Mata, Rere
Martinez, Vicente.....Mata Redonda, Rere
Martinez, Juan J.....Monte Aguila, Rere
Fernandez, Santiago...Manzano Peral, Rere
Pino, Test Jose S. del..Flor del Llano, Rere
Solar, Luis Vial.....Cabrero, Rere
Zañartu, Test Manuel A.....Calichen, Rere
Palma, Test Justiniano.....Rio Claro, Rere
Pinto, Delfina Cruz de.....Peñuelas, Rere
Daroche, Juan B.....El Roble, Rere
Gonzalez, Desiderio.....Santa Cruz, Rere
Melo, Gregorio.....Cirador de Nipas, Rere
Brito v de H., Rosario.....Higuerillas, Rere
Muñoz, Viviano.....El Chingua, Rere
Prieto, Test Ignacio J.....Cienega, Rere
Droully i Cia, Martin.....Huelpi Alto, Rere
Romero, Jose Gomez.....Rucamanqui, Rere
Rubilar, Test Juan de D..Huepil Bajo, Rere
Cruz v de Pinto, Delfina.....Polcura, Rere
Seguel, Jose M.....Laureles, Rere
Arriagada, Jose Cruz.....Ventura, Rere
Yañez, Julian.....El Guindo, Rere
Moreno, Jose Maria.....Las Toscas, Rere
Larenas, Jeronimo.....San Rosendo, Rere
Astete, Test Ramon.....Turquia, Rere
Castro, Jose Maria.....Turquia, Rere
Burgos, Gregorio.....Taiguen, Rere
Brito v de R., Mario del R.,
Quilacoya, Rere
Ruiz, Felipe.....Ranquilco, Rere
Mallar, Test Mauricio.....Majuelos, Rere
Rioseco, Test Vicente.....Peñigue, Rere
Brito, Juan de la Cruz.....Tucuquen, Rere
Urrejola, Manuel.....San Antonio, Rere
Fox i Cia, Duncan.....Playa Negra, Rere
Hydes i Cia, Ernesto.....Cerro Verde, Rere
Varela v de Borgoño, Lucinda..Cosmito, Rere
Coddou, Francisco.....Cosmito, Rere
Compañia Refineria de Azucar,
Refineria Azucar, Rere
Ocampo, Test Domingo...Chiquayante, Rere
Uribe v de R., Dolores.....Lonco, Rere
Escalona, Test Jose Dolores,
Santa Eusebia, Rere
Lamas, Test Victor.....La Tuna, Rere
Galan, Nicolas.....Lipingue, Rere
Ruiz, Felipe.....Maiten, Rere
Delano, Mateo.....Tumbes, Talcahuano
Benavente, Juan.....Taibuco, Talcahuano
Ross, Agustin.....Taibuco, Talcahuano
Moller, Pedro.....Las Salinas, Talcahuano
Gaete, Jose Manuel,
Las Huigeras, Talcahuano
Alemparte, Ernesto Arteaga,
El Manzano, Talcahuano
Manzano, Juan Jose,
Golondrinas, Talcahuano
Benavente, Pilar.....Leuga, Talcahuano
Rio, Celedonio del.....Gualpen, Talcahuano
Rio, Pedro del.....Gualpen, Talcahuano
Josefa v del Rio, Test..Peñuelas, Talcahuano
Prieto i Cruz, Manuel,
Gualpencillo, Talcahuano
Arce, Abelardo.....Los Perales, Talcahuano
Mendez (U.), Juan B...Garriel, Talcahuano
Comp. Arauco, Ltd.....Manzano, Lautaro
Alemparte, Jose Manuel...Calabozo, Lautaro
Sociedad Molino Coronel...Molino, Lautaro
Rojas, Test de Jorge.....Molino, Lautaro
Chavez, Pedro.....Loma del Toro, Lautaro
Abello Hnos,
Quintas Pinchio-Pantanos, Lautaro
Rios, Ricardo..Pili-Pili, Purgatorio, Lautaro
Abello Hnos.....Espijado, Lautaro
Vallejo, Ezequiel.....Curaleo, Lautaro
Puja, Jose Maria.....Albarrada, Arauco
Gaete, Jose Manuel.....Palique, Arauco
Zañurtu, Juan B.....Yani, Arauco
Gaete, Manuel.....Puente, Arauco
Zañute, Juan B..Piche Tropen I Yani, Arauco
Eilanger, Emilio.....Huena Piden, Arauco
Rojas, Nicolas.....Pumana, Arauco
Rio, Caledonio del.....Raqui i Pino, Arauco
Barriga, Jose Amadeo.....Agua Pie, Arauco
Gaete, Santiago.....Agua Pie, Arauco
Sousiño, Test Isidora G. de,
Laraquete, Arauco
Bello, Jose Maria.....Los Patos, Arauco
Comp. Arauco Limitada..Maquehua, Arauco
Hernandez, Anastacio,
Los Lirios i Colcha, Arauco
Martinez i Cia, Lisandro,
Quilauchaquin, Arauco
Ulloa, Test Manuel.....Peumo, Arauco
Cohas, Guillermo 2d.....Chefieco, Arauco
Herrera, Eduvijis.....Colico, Arauco

Herrera, Test Pedro.....Colico, Arauco
Sanfurgo, Jose Dolores.....Colico, Arauco
Herrera, Zenon.....Colico, Arauco
Puga, Jose Maria.....Colico, Arauco
Couchot, Test Francisco..Albarrada, Arauco
Abello, Jose Maria.....Las Quemas, Arauco
Errazuriz i Cia.....Boca-Lebu, Lebu
Ovalle v de M., Dolores,
Victoria i Diezmo, Lebu
Figueroa, Jose Dolores.....Esperanza, Lebu
Hernandez, Anastasio.....Totoral, Lebu
Recres, Andres.....Totoral, Lebu
Montalva, Test Manuel J.....Totoral, Lebu
Rocha, Andres A.....Curaco, Lebu
Licucura i otros, Antonio.....Pehuen, Lebu
Gaete, Francisco.....Curico-Borbolen, Lebu
Rodriguez, Test Gregorio..Ruca-Raqui, Lebu
Alba, Agustin Fuante,
Los Rios de Curanilahue, Lebu
Abello Hnos,
Descabezado i Caramavida, Lebu
Cousiño, Test Luis.....Los Rios, Lebu
Diaz, Eusebio.....Tenunco, Lebu
Araneda, Bernardino.....Caramavida, Lebu
Araneda, Pantaleon.....Caramavida, Lebu
Villagran, Marcos.....Ranquileo, Lebu
Vigueros, Pedro.....Trihueco, Lebu
Zañartu, Manuel S.....Quillaitun, Lebu
Melita, Test Jose Manuel.....Cuyinco, Lebu
Villagran, Test Andres....Pilmaiquen, Lebu
Unzueta, Test Jose Miguel,
Sara deLebu, Lebu
Saavedra, Test Juan A..Pitra Cui-Cui, Lebu
Matamala, Test Tonorato..Quilañanco, Lebu
Saavedra, Reinaldo.....Curihuillin, Lebu
Hernandez, Anastasio.....Totoral, Lebu
Gaete, Test Julian.....Vegas de Lobo, Lebu
Ortiz, Test Juan.....Antihue, Lebu
Duhart Hnos.....Quinta, Cañete
Mendez (U.),Test Francisco,
Cayucupil, Cañete
Gallegos, Jose Luis.....Pillen-Pillen, Cañete
Dolhatz, Test Augusto.....Peleco, Cañete
Hernandez, Jose Antonio.....Peleco, Cañete
Gajardo, Pedro.....Llenqueheu, Cañete
Bailhabun, Pedro.....Cuyumpalihue, Cañete
Iriarte, Esteban.....Nalu, Cañete
Hernandez, Test Jose Antonio,
Ilicura, Cañete
Montalva, Test Manuel J....Paicavi, Cañete
Duhart Hnos.....Antiquina, Cañete
Alarcon, Jervasio.....Huape, Cañete
Etchepare, Pedro.....Lanalhue, Cañete
Marileo, Test Joe.....Pocuno, Cañete
Alarcon, Jervasio.....Pellahuen, Cañete
Etchepare, Pedro.....Relun, Cañete
Puelma, Samuel.....San Antonio, La Laja
Brito, Heriberto.....Huerta, La Laja
Anguita, Roberto.....Huerta, La Laja
Campos, Belisario....Monte Negro, La Laja
MacKay, Guillermo W..El Avellano, La Laja
Urrutia, Juan de Dios.....Quaqui, La Laja
Costa, Silvinio.....El Bolson, La Laja
Maza, Jose Maria de la,
Las Trancas, La Laja
Robles, Alejo.....Rarinco, La Laja
Maza, Fortunato de la.....Rarinco, La Laja
Hermosilla, Jose del B....Rarinco, La Laja
Heck, Carlos.....Rarinco, La Laja
Urrutia, Juan de Dios..San Miguel, La Laja
Matiews, Test Luis.....El Peral, La Laja
Muñoz, Anfion.....Santa Isabel, La Laja
Rio, Nestor del.....San Isidoro, La Laja
Godoi, Cirilo.....San Isidro, La Laja
Saavedra, Jenaro.....San Isidro, La Laja
Arriagada, Genaro.....Curiche, La Laja
Lagos, Francisco.....Paillihue, La Laja
Bobadilla, Roberto.....El Retiro, La Laja
Solano, Antonio.....El Arrayan, La Laja
Rio, Nestor del.....Tolpan, La Laja
Serrano, Emilio.....Mesamavida, La Laja
Martinez, Bartolo.....Mirador, La Laja
Montenegro, Pedro...Santa Teresa, La Laja
Anguita, Octavio.....Guaque, La Laja
Rebolledo, Simon.....Guaque, La Laja
Barthelk, Conrado.....Guingan, La Laja
Rioseco, Fermin.....Villucura, La Laja
Hospital de los Angeles,
San Lorenzo, La Laja
Zañartu, Javier Luis..Santa Barbara, La Laja
Larenas, Eleodoro.....Los Notros, La Laja
Hermosilla (N.), Test Jose,
Huenquecura, La Laja
Solano, Eleodoro.....Huenquecura, La Laja
Bunster, Martin B...Huenquecura, La Laja
Puelma, Francisco....Huenquecura, La Laja
Bobadilla, Roberto..Pan de Azucar, La Laja
Banco de Chile.....Cariboro, La Laja
Correa, Bonifacio.....Canteras, La Laja
Hermosilla, Jose del B....Canteras, La Laja
Poblete, Juan Antonio.....Curiche, La Laja
Palacios, Evanjelina.....Coihueco, La Laja
Palacios, Carmen V....El Carmen, La Laja
Aninat, Antonio.....Santa Fe, La Laja
Cousin, Fabry & Cia.....Santa Fe, La Laja
Valenzuela, Jenoveva Vela de,
Candelaria, La Laja
Burke, Enrique.....Candelaria, La Laja
Arrieta v de Serrano, Laura,
Santa Fe, La Laja

Rio (Z.), Pedro del,
Santa Fe de los Rios, La Laja
Maza, Domingo de la.....Picul, La Laja
Soto, Evaristo.....Esperanza, La Laja
Benavente, Hipolito.....Esperanza, La Laja
Bunster, Jose.....La Palma, La Laja
Maza, Domingo de la.....Cligua i, La Laja
Maza, Lorenzo de la..San Vicente, La Laja
Cifuentes (M.), Pedro J..Cayanes, La Laja
Fritz v de G., Victoria....Cayanes, La Laja
Rio (Z.),Artemio del.....Quilales, La Laja
Moreira, Amador.....Tambillo, La Laja
Escalona, Eusebia A. v de..Pichun, La Laja
Mendez (U.), Agustin.....Meñir, La Laja
Muñoz, Anfion.....Palo Botado, La Laja
Sepulveda, Daniel....Manteinregue, La Laja
Jara, Jose Miguel de la..San Pedro, La Laja
Araya i Compartes, Ventura,
Coihueco, La Laja
Garcia, Jose Tomas,
Palos Quemados, La Laja
Avello, Cardenio...Lomas del Toro, La Laja
Teran, Jose M.....Tres Pinos, La Laja
Avello, Cardenio.....Los Barros, La Laja
Carraso, Abelardo..Paso del Diablo, La Laja
Grant, Emilio.....Choroico, La Laja
Bizama, Pedro.....El Cantaro, La Laja
Muñoz, Jose Luis.....Santa Rosa, La Laja
Nuñez, Rufino.....Cifuentes, La Laja
Tolosa, Benecio.....Los Pantanos, La Laja
Garcia, Jose Tomas,
Cascajal i los Fosos, La Laja
Ruiz, Test Ventura.....Taboleo, La Laja
Terran, Jose Maria.....San Jose, La Laja
Diaz, Jose Andres.....Coigue, La Laja
Acevedo, Cecilio.....Rihue, La Laja
Riquelme, Jose Antonio Melo,
Miraflores, La Laja
Serrano, Test Emilio.....Mariman, La Laja
Zerrano v de Moller, Carmen,
Vaqueria, La Laja
Chaves (R.), Jose Tomas,
San Juan, Mulchen
Campillo, Rafael.....Picoltue, Mulchen
Ferrari, Neftali...La Conformidad, Mulchen
Zerrano (A.), Luis.....Munilque, Mulchen
Palma, Test Ignacio.....Picoltue, Mulchen
Anguita, Victor M.....Nilmunco, Mulchen
Pantoja v de la Jara, Juana,
Santa Catalina, Mulchen
Jara, Irineo i Ernesto de la,
San Miguel, Mulchen
Rebolledo, Simon.....Nilminco, Mulchen
Urrutia de S., Test Carmela,
Santa Emma, Mulchen
Bahamondes, Ruperto A.,
Manquecuel, Mulchen
Sanheuza, Andres.....Manquecuel, Mulchen
Green, Test Domingo..Rucacalguin, Mulchen
Chaves (R.), J. Tomas,
Santa Elena, Mulchen
Puelma, Francisco....San Ignacio, Mulchen
Molina, Test Arsenio...San Joaquin, Mulchen
Robles, Gonzalo.....Santa Isabel, Mulchen
Cruz, Manuel A.....El Laurel, Mulchen
Rebolledo, Simon.....Chumulco, Mulchen
Molina, Test Arsenio...Santa Ana, Mulchen
Saavedra, Test Oscar....San Jose, Mulchen
Zañartu, Javier Luis.....Pilguen, Mulchen
Badilla, Roberto.....Cochecito, Mulchen
Manzanache, Jose A..Manzanache, Mulchen
Rebolledo, Simon.....Malven, Mulchen
Solano, Test Antonio.....Malven, Mulchen
Anguita, Felipe.....Repelco, Mulchen
Lagos (R.), Francisco..Los Olmos, Mulchen
Pradena, Roberto.....Pile, Mulchen
Bastidas, Adelina.....San Juan, Mulchen
Greene (B.), J. Domingo,
Boquilemu, Mulchen
Sharpes, Juan T.....La Bretaña, Mulchen
Badilla, Roberto.....Esperanza, Mulchen
Bastidas, Test J.....Pile, Mulchen
Tirapedi, Domingo.....Ancud, Mulchen
Bobadilla, Roberto.....Quilapalo, Mulchen
Carrasco, Test Juan.....San Juan, Mulchen
Muñoz, Eugenio A.....Rañiguel, Mulchen
Benavente, Test Rafael..Baquecha, Mulchen
Sanhueza, Andres.....Porvenir, Mulchen
Rebolledo, Simon...Trompelbueno, Mulchen
Bisquert, Test.....El Retiro, Angol
Rivas, Celestino.....Quillota, Angol
Sepulveda, Daniel.....Rucapillan, Angol
Moraga, Carlos E.....Agua Fria, Angol
Smith, Tomas.....Chanleo, Angol
Martinez, Amadeo.....El Cerro, Angol
Dominguez, Manuel.....El Rosario, Angol
Diaz, Jose Andres.....Vegas Blancas, Angol
Benavente, Federico....San Rosendo, Angol
Rioseco, Jose.....Santa Elena, Angol
Rodriguez, Carlos.....Tigeral, Angol
Bordeo, Eugenio.....Colhue, Angol
Bunster (B.), Manuel.....Renaico, Angol
Maza, Domingo de la.....Renaico, Angol
Maza, Francisco de la.....Renaico, Angol
Maza, Lorenzo de la.....Renaico, Angol
Alarcon, Jose Benito.....Las Nieves, Angol
Moller, Alberto.....Itraque, Angol
Salas, Jose Antonio Soto.....Itraque, Angol
Cuevas i Vidal.....Santa Rita, Angol
Huiliñiz, Test Gonzalez.....Malleco, Angol

Matus, Test..San Martin de Lolenco, Angol
Arrate, Miguel.....Pichi-Lolenco, Angol
Mutel, Blas.....Santa Margarita, Angol
Garrigo, Salustio.....Buenos Aires, Angol
Maria, Test Santa.....El Recreo, Angol
Bunster, Manuel V.....El Verjel, Angol
Cortes Hnos.....Miraflores, Angol
Rios, Juan Antonio.....El Paruqe, Angol
Banco Garantizador de Valores,
San Luis, Angol
Salas, Jose Antonio Soto...Ironicura, Angol
Costa de A., Margartita..Alboyanco, Angol
Cortes, Jose Olegario 2d.....Nipaco, Angol
Alemparte, Juan E.....Lolenco, Angol
Ovalle, Test Jose Benito..Chihuaihue, Angol
Bunster, Jose.....Curanilahue, Angol
Ulloa, Eusebio.....El Carmen, Angol
Moreira, Amador.....Guindo, Angol
Dufen, Alberto.....Santa Rosa, Angol
Bunster, Jose.....La Vega, Angol
Arriagada, Test.....Sauces, Angol
Saldias, Test.....San Rafael, Angol
Badilla, Roberto.....Trintre, Angol
Maza, Lorenzo de la.....San Jose, Angol
Smismant, J.....San Jerardo, Angol
Elgueta, Ignacia M. v de..El Guindo, Angol
Bunster, Jose.....Lipulle, Angol
Arrigada, Juan M.,
San Juan de Puren, Angol
Larrain, Agustin.....Puren, Angol
Badilla, Roberto.....Los Perales, Angol
Mathieu, Beltran.....Coyancahuin, Angol
Alarcon, Jose Benito.....San Ramon, Angol
Barriga, Alejandro.....Miraflores, Angol
Lacourt, Roberto.....La Magdalena, Angol
Mackay, Tomas A.....Guadava, Angol
Saavedra, Ignacio.....Guadava, Angol
Benavente, Federico.....San Vicente, Angol
Jermain, Enrique.....Guadava, Angol
Rebolledo, Simon.....Pelehue, Angol
Varela, Federico.....Pelehue, Angol
Martinez, Test Pedro.....Reñico, Angol
Ramos v de A., Carmen..El Carmen, Angol
Puyo, Luis.....San Luis, Angol
Anguita, Lisandro.....El Porvenir, Angol
Badilla, Roberto.....Tronicura, Angol
Browne, Eduardo.....Tronicura, Angol
Pooley, Juan.....Cangulo, Angol
Banco Garantizador de Valores,
Santa Rosa, Collipulli
Bunster, Jose.....Los Molinos, Collipulli
Ayala, Juan Jose.....Parlamento, Collipulli
Figueroa, Pelagio.....El Pan, Collipulli
Vergara, Test Anselmo Cruz,
Santa Cruz, Collipulli
Rioseco, Jose.....Santa Cruz, Collipulli
Benavente, Federico....San Diego, Collipulli
Badilla, Roberto....Manco i Mulato, Collipulli
Banco Mobilario.....Ercilla, Collipulli
MacKay, Juan A.....Chiguaihue, Collipulli
Buster, Martin.....Pidima, Collipulli
Cruzat, Ricardo.....Chequenco, Collipulli
Lacourt, Roberto.....Santa Elena, Collipulli
Moraga, Mateo.....Santa Elena, Collipulli
Romero, Tomas.....Malalche, Collipulli
Patterson, Juan.....Alaica, Collipulli
Palacios, Julio i Hnos...Huequen, Collipulli
Muñoz, J. Daniel.....Pidenco, Collipulli
Pooley, Juan.....Nupangue, Collipulli
Badilla, Roberto.....Nanco, Collipulli
Gatica, Domingo.....Pamulemo, Collipulli
Bunster, Enrique S....Santa Julia, Collipulli
Herrera, Juan de Dios..San Luis, Collipulli
Saavedra, Ignacio.....Jauja, Collipulli
Lamas, Victor.....San Andres, Collipulli
Abarzua, Gazpar.....La Aurora, Collipulli
Boizard, Carlos.....La Compañia, Collipulli
Godoi, Carlos Bravo,
Santo Domingo, Collipulli
Badilla, Enrique.....Las Selvas, Collipulli
Mendez (U.), Juan B.....Nahuel, Collipulli
Contreras, Juan F.....Curaco, Collipulli
Rioseco, Eleuterio.....Curaco, Collipulli
Mac-Krea, Samuel..Santa Catalina, Collipulli
Rios, Juan A.....Entre Rios, Collipulli
Bunster (B.), Manuel.....Canada, Collipulli
Risopatron, Carlos.....El Encina, Collipulli
Lacourt, Roberto.....El Veintidos, Collipulli
Bunster, Test Jose.....Desengaño, Traiguen
Cortes, Test.....Runico, Traiguen
Ovalle, Jose Benito...Santa Elena, Traiguen
Ruff, Adolfo.....Santa Elena, Traiguen
Lizana, Manuel Antonio,
Antofagasta, Traiguen
Manriquez, Jose Manuel..Manzano, Traiguen
Rosemberg, Emilio....Santa Clara, Traiguen
Rivas, Manuel.....Duelguen, Traiguen
Rios, Pablo.....El Castillo, Traiguen
Banco de Chile.....El Castillo, Traiguen
Bunster, Test Jose.....Tugal, Traiguen
Tiznado, Francisco v de.....Tugal, Traiguen
Urrutia, Fidel.....Mirador, Traiguen
Villegas, Emilio.....Mirador, Traiguen
Anguita, Lisandro.....Mirador, Traiguen
Araneda, Ramon.....Mirador, Traiguen
Bunster, Test Jose.....San Jose, Traiguen
Blanco, Domingo.....San Jose, Traiguen
Blackburo, Jorge.....La Colmena, Traiguen
Biffoli, Test Emilio...La Colmena, Traiguen
Boneffon, Juan.....Calpy, Traiguen

Cheuque, Ignacio.....Calpy, Traiguen
Goyeneche, Armando.....Calpy, Traiguen
Joray, Floiran.....Calpy, Traiguen
Lavin, Arsenio.....Calpy, Traiguen
Moreau, Clemente E.....Calpy, Traiguen
Novoa, Manuel.....Calpy, Traiguen
Ovalle, Jose Benito.....Calpy, Traiguen
Ortega, Demetrio.....Calpy, Traiguen
Salazar, Bernardo J.....Calpy, Traiguen
Aguiar, Guillermo 2d.....Collanco, Traiguen
Perry, Enrique.....Parlamento, Traiguen
Cousiño, Adriana.....Los Quiques, Traiguen
Necul, Lorenzo,
Reduccion Indijena, Traiguen
Carilao, Fernando.....Quillen, Traiguen
Novoa, Jose del C.....Quillen, Traiguen
Thieme, Federico....San Antonio, Traiguen
Lopez, Jose Santos,
Reduccion Indijena, Traiguen
Llaupi, Ramon.....Quillen, Traiguen
Carmen R., Jose del..San Camilo, Traiguen
Meza, Manuel A.....Rinconada, Traiguen
Garcia, Julian.....Perquenco, Traiguen
Huenchal, Juan,
Reduccion Indijena, Traiguen
Curiche, Juan.Reduccion Indijena, Traiguen
Cooper, Eduardo.....Vertientes, Traiguen
Huillipan, Mariano,
Reduccion Indijena, Traiguen
Callucura, Juan.....Perquenco, Traiguen
Callub, Luciano.....Perquenco, Traiguen
Toro, Nicasio de.....Santa Julia, Traiguen
Mundt, Santiago.....Guacolda, Traiguen
Sabaria, Juan.....Ballico, Traiguen
Hermosilla, Concepcion v de,
Perquenco, Traiguen
Palacios, Julio.....San Miguel, Traiguen
Marcoleta, Jose.....Perquenco, Traiguen
Dominguez, Francisco...Chufiquen, Traiguen
Valdebenito, Jose.....Calpi, Traiguen
Blanco, Marion.....Pellahuenco, Traiguen
Hincale, Jose..Reduccion Indijena, Traiguen
Liempi, Cortado.....Salvarino, Traiguen
Millan, Juan...Reduccion Indijena, Traiguen
Quiñinao, Francisco,
Reduccion Indijena, Traiguen
Bascur, Rosa v de....Santa Rosa, Traiguen
Manriquez, Venceslao..Santa Rosa, Traiguen
Puyo, Luis.....Chufsquen, Traiguen
Ramos, Juan de D.....Chufsquen, Traiguen
Varela, Federico.....Chufsquen, Traiguen
Cousiño, Alberto.....Quino, Traiguen
Llancamil, Juan.....Perquenco, Traiguen
Mantre, Sarjento,
Reduccion Indijena, Traiguen
Ramos, Domingo.....Perquenco, Traiguen
Morales, Zacarias.....Rehuecollan, Traiguen
Pelisier, Gerardo.....Perquenco, Traiguen
Castro, Carlos.....Quino, Traiguen
Varela, Federico.....Chufsquen, Traiguen
Moyna, Eduardo S.....Lumaco, Traiguen
Larrain, Agustin.....Termulemu, Traiguen
Searle, Juan.....Las Termas, Traiguen
Edwards, Luis.....Tromeri, Traiguen
Rosenberg, Emilio....Santa Clara, Traiguen
Nirrian Antonio.....Temulemu, Traiguen
Elgueta, Ignacio M. v de.La Poza, Traiguen
Kroll, Daniel.....Lumaquina, Traiguen
Bunster, Jose.....Ranquilco, Traiguen
Badilla, Roberto.....Ranquilco, Traiguen
Manriquez, Juan Manuel...Plenco, Traiguen
Neira, Fidel.....Cancahue, Traiguen
Ramos, Juan de Dios.....Colpi, Traiguen
Huilcamen, Cacique.....Quillem, Traiguen
Huerta, Manuel Jesus...Panhueco, Traiguen
Lezana, Manuel A.....San Jose, Traiguen
Colipi, Marileo.....Butranico, Traiguen
Nickelsen, Pedro.....Puren, Traiguen
Vargas, Test Muñoz,
Norte de Rio Traiguen, Mariluan
Aguilera, Ruperto,
Norte de Rio Traiguen, Mariluan
Bunster, Test Jose.....Quino, Mariluan
Oimpul, Ignacio.....Chanco, Mariluan
Troncoso, Ildefonso.....Quilapan, Mariluan
Harriet, Juan B.....Adencul, Mariluan
Slayer, Juan.....Quilquilco, Mariluan
Aguirre, Tristan.....Chanco, Mariluan
Hipotecaria, Caja.....Colo, Mariluan
Erazo, Cesareo....Sur Rio Quino, Mariluan
Edwards, Agustin....Santo Quino, Mariluan
Infante, Eleodoro.....Megico, Mariluan
Pilahueque, Anselmo.....Chanco, Mariluan
Badilla, Roberto.....Quino, Mariluan
Huenchllan, Ignacio,
Camino Cura Cautin, Mariluan
Lenicura, Ignacio.....Salto, Mariluan
Mundt, Santiago.....San Miguel, Mariluan
Moreno, Adolfo.....Pua, Mariluan
Sotomayor, Palacio i.....Guacolda, Mariluan
Albarracin, Tomas.....Salto Colo, Mariluan
Bunster, Test Jose.....Quino, Mariluan
Hipotecaria, Caja.....California, Mariluan
Puel, Raimundo.....Sur Quino, Mariluan
Schemayer, Ricardo..Norte Quino, Mariluan
Saavedra, Cornelio.....Pehuenco, Mariluan
Mobiliario, Banco....Cura Cautin, Mariluan
Hipotecaria, Caja.....Caliguanqui, Mariluan
Muñoz, Anfion.....San Francisco, Mariluan
Pascual, Manuel.....Pehuenco, Mariluan

Simpson, Ricardo.....Sur Quino, Mariluan
Vargas, Ascleterion.....Guacolda, Mariluan
Ruedi, Cristian, i Cia.Cura-Cautin, Mariluan
Baeza, Francisco.....Coliguanqui, Mariluan
Echegoyan, Octavio...Cura-Cautin, Mariluan
Huidrobo A., Julio...Coliguanqui, Mariluan
Meza, Manuel A.....Cura-Cautin, Mariluan
Rioseco, Carlos.....Cura-Cautin, Mariluan
Rioseco, Eleuterio....Cura-Cautin, Mariluan
Toro, Nicasio del,
Entre Dillo i Coliguanqui, Mariluan
Varela, Federico,
Entre Rio Balnco i Cautin, Mariluan
Perez, Pedro J.....Los Prados, Temuco
Osorio, Nicolas.....Los Prados, Temuco
Searle, Juan B.....Los Prados, Temuco
Anguita, Roberto.....Los Prados, Temuco
Badilla, Roberto.....Los Prados, Temuco
Lacour, Roberto.....Los Prados, Temuco
Bunster, Test Jose....Santa Esther, Temuco
Espinosa, Jose Luis.....Coihueco, Temuco
Bustos, Salvador de...Monte verde, Temuco
Fuenzalida, Jose Luis....Esperanza, Temuco
Leliva, Luis.....Esperanza, Temuco
Queupan, Juan.....Boyeco, Temuco
Bruner, Jacobo.....Boyeco, Temuco
Sims, Luis E.....Boyeco, Temuco
Romero, Tomas.....Boyeco, Temuco
Texer, Mauricio.....Boyeco, Temuco
Hevia R., Anselmo.....Boyeco, Temuco
Busnter, Manuel.....Boyeco, Temuco
Faber, Francisco.....Boyeco, Temuco
Brito, Lisandro.....Boyeco, Temuco
MacKay, Tomas.....Boyeco, Temuco
Texer, Mauricio.....Boyeco, Temuco
Bustos, Salvador.....Santa Maria, Temuco
Herrea, F.....Santa Maria, Temuco
Dumay, Felix.....Santa Maria, Temuco
Mobiliario, Banco.....Santa Maria, Temuco
Tripañan, Cacique.....Santa Maria, Temuco
Adams, Alejandro.....Santa Maria, Temuco
Ulloa, Daniel A.....Santa Maria, Temuco
Prouill, Olindo Pettit..Santa Maria, Temuco
Barriga, Alejandro.....Santa Maria, Temuco
Orfele, Santiago.....Santa Maria, Temuco
Manrriquez, Venceslao.Santa Maria, Temuco
Velasco, Moises.....Los Laureles, Temuco
Solar, Alejandro Monte....Chumil, Temuco
Lagos, Manuel Jesus.....Chumil, Temuco
Oliva, Daniel.....Chumil, Temuco
Lopez, Jose Ignacio.....Quinchol, Temuco
Ravet, Carlos.....Quinchol, Temuco
Ravet, Victor.....Quinchol, Temuco
Sandoval, Pedro.....Quinchol, Temuco
Badilla, Zoilo.....Quinchol, Temuco
Carvallo, Carlos.....Quinchol, Temuco
Osorio, Nicolas.....Quinchol, Temuco
Subercasseaux, Ramon....Quinchol, Temuco
Lacourt, Robert.....Quinchol, Temuco
Mac-Kay, Tomas.....Quinchol, Temuco
Gazmuri, Gonzalo.....Santa Adela, Imperial
Anguita, Hetor.....Los Robles, Imperial
Michael, Ernesto.....Ranquilco, Imperial
Malma, Carlos.....Ranquilco, Imperial
Hnos, Pabliza.....Ranquilco, Imperial
Reyes, Vicente 2d.....Ranquilco, Imperial
Mobiliario, Banco.....Ranquilco, Imperial
Badilla, Roberto.....Ranquilco, Imperial
Arriagada, Orlando.....Ranquilco, Imperial
Jara, Jose M. de la.....Ranquilco, Imperial
Jara C., Jose Maria de la,
Ranquilco, Imperial
Urrutia, Miguel A.....Ranquilco, Imperial
Manriquez, J. Manuel...Ranquilco, Imperial
Echeverria, Domingo....Ranquilco, Imperial
Bunster, Test Jose.....Ranquilco, Imperial
Armijo, Criseldo...Los Lavradores, Imperial
Bannen, Costantino...Los Corrales, Imperial
Moviliario, Banco....Los Corrales, Imperial
Arce, Castro Perex de,
Los Corrales, Imperial
Eyzaguirre, Alejandro,
Los Corrales, Imperial
Gazmuri, Gonzalo.....Chacamo, Imperial
Leizunnd, Crecencio.....Chacamo, Imperial
Doren, Mery Peers.....Chacamo, Imperial
Santander, Alejandro..Los Notros, Imperial
Urrutia, Miguel.....Bella vista, Imperial
Valch, Enrique, i Cia..Bella vista, Imperial
Solar, Ruperto Vives...Bella vista, Imperial
Parodi, Abel.....Santa Maria, Imperial
Sanchez, Matte i.....Santa Maria, Imperial
Mac Iver, Test David.Santa Maria, Imperial
Marin, Manuel R. i Victor,
Santa Maria, Imperial
Cabrera, Ramon.....Santa Maria, Imperial
Errazuriz, Test Isidoro,
Santa Maria, Imperial
Rojas, Patricio.....Santa Maria, Imperial
Hnos, Duhart.....Santa Maria, Imperial
Marin, Victor.....Santa Maria, Imperial
Prochelle i Cia.....La Teja, Valdivia
Hnos, Anwander.....La Teja, Valdivia
Hoffman, Pablo.....La Teja, Valdivia
Ehrenfeld, Gustavo.....La Teja, Valdivia
Mollintann, Holl i,
Santa Rita i Collico, Valdivia
Kunstmann, J. i C.....Collico, Valdivia
Crishk, Conrado 2d.....Los Olmos, Valdivia
Moviliario, Banco.....Chaihuin, Valdivia

Lapostol, Andres....La Esmeralda, Valdivia
Gaete, Jose Manuel.....Huitre, Valdivia
Gaete, Santiago.....San Pedro, Valdivia
Gonzalez, Jose Simon.....Dollinco, Valdivia
Korner, Pablo.....Robellin, Valdivia
Orellana, Juan M.....Malco, Valdivia
Rosales, Jose Anjel.....Futronhue, Valdivia
Schuller, Jorge.....Toro i Dunquil, Valdivia
Sholz, Grau, i Cia..San Antonio, La Union
Grob, Teofilo.....San Antonio, La Union
Jaramillo, Nicolas...San Antonio, La Union
Jaramillo, Mercedes Rufina,
San Antonio, La Union
Vazquez, Sandalio...San Antonio, La Union
Azenjo, Jerman.....Casa Azul, La Union
Azenjo, Victoriano.....Cantuyes, La Union
Philippi, Federico.....San Juan, La Union
Cortez, Evaristo.....San Blas, La Union
Duhald, Pedro II.....Tiqueos, La Union
Duhald, Pedro III.....Puquelme, La Union
Duhald, Pedro IIII.....Ranco, La Union
Lopetegui, Manuel.....Traiguen, La Union
Furniel, Jose M.....Fariahue, La Union
Duhald, Jerman.....Chaichaguen, La Union
Fritz, Teofilo.....Folilco, La Union
Hnos, Fritz.....San Isidro, La Union
Duhald, Jerman.....San Jair, La Union
Hoffman, Carlos.....Traiguen, La Union
Carrasco, Damian..Las Mercedes, La Union
Frank, Eduardo.....Santa Ana, Osorno
Geise, Eduardo.....Santa Ana, Osorno
Schilling, Carlos.....Santa Ana, Osorno
Ide, Federico.....Santa Maria, Osorno
Webar, Clodomiro.....Santa Maria, Osorno
Schuler, Jorge.....Santa Maria, Osorno
Bertin, Jose.....Santa Ana, Osorno
Adriano, Test.....Santa Maria, Osorno
Mohr, Martin.....Santa Maria, Osorno
Katt, Santiago.....Santa Maria, Osorno
Geisse, Justo, i otros,
Roble i Perillar, Osorno
Rosas, David.....Roble i Perillar, Osorno
Sommer, Emilio.....Santa Ana, Osorno
Banco Credito Unido..Santa Maria, Osorno
Martinez, Pedro Jose,
Roble i Perillar, Osorno
Heian, Francisco.....Calabozo, Osorno
Martinez, Juan de D.....Calabozo, Osorno
Vazquez, Test Jose del T.,
Quilacoyan, Osorno
Glein, Carlos.....Quilacoyan, Osorno
Duhald, Jerman.....Quilacoyan, Osorno
Walburg, Cristiano.....Roble, Osorno
Vazquez, Jose Vicente.....Drelinco, Osorno
Bonnchener i Cia..Puente Trumag, Osorno
Vazquez, Manuel A.,
Santa Gertrudis, Osorno
Aguilar, Fustaquio.....Santa Rosa, Osorno
Baladi, Victor.....El Roble, Llanquihue
Caldretzen, Roberto....El Roble, Llanquihue
Oelkers, Ricardo.....El Roble, Llanquihue
Frankman, Augusto....El Roble, Llanquihue
Bittner, Jerman...Puerto Varas, Llanquihue
Barrientos, Test Francisco,
Retamos, Llanquihue
Hube i Achels....Puerto Varas, Llanquihue
Benser, Jose.....Bella Vista, Llanquihue
Rlocher, Juan.....Las Juntas, Llanquihue
Minte, Augusto.....Ensenada, Llanquihue
Martinez, Pedro 2d.....Coligual, Llanquihue
Montalva, Test Manuel,
Buenos Aires, Llanquihue
Oelkers, Federico.....Paraguai, Llanquihue
Burgos, Test Jose.....Vanahue, Llanquihue
Exes, Bernardo.....Forrahue, Llanquihue
Hoffmann, Pablo.....Caipulli, Llanquihue
Hube, Jerman.....Quisqueleufu, Llanquihue
Ramirez, Jerman.....Coinco, Llanquihue
Martinez, Jose Pedro.....Burro, Llanquihue
Martinez, Juan de Dios,
Rio Negro, Llanquihue
Rosas, David.....Quisqueleufu, Llanquihue
Cedler, Carlos.....Dollinco, Llanquihue
Santibañez, Test Lorenzo,
Dollinco, Llanquihue
Ritcher, Adolfo.....Retamos, Llanquihue
Ritcher, Carlos.....Retamos, Llanquihue
Rosas, Querubin.....Retamos, Llanquihue
Vilegas, Nicolas.....Esperanza, Carelmapu
Bustamente, Jose Maria,
Esperanza, Carelmapu
Visalli, Antonio.....Esperanza, Carelmapu
Halle, Jorge H.....Esperanza, Carelmapu
Catro, Emiliano S.....Esperanza, Carelmapu
Keim, Carlos.....Llico, ..Carelmapu
Chelina, Carlos.....El Toro, Carelmapu
Cardenas de G., Loreto...Maule, Carelmapu
Opazo, Test Olegario..Esperanza, Carelmapu
Oelkers Hnos.....Esperanza, Carelmapu
Garcia, Fermin.....Coipomo, Ancud
Rodriguez, Luis Martinez.....Chepu, Ancud
Dumond, David..Puerto Luisa, Magallanes
Heberhardt, H.,
Ultima Esperanza, Magallanes
Felton, C. (Suc.),
Cabeza del Mar, Magallanes
Felton i Waldron,
Pecket Harbour, Magallanes
Finelson, A.....Gallegos Chicos, Magallanes
Fique, Luis.....Islas Navarino, Magallanes

Freyes, Eugenio.....Rio Verde, Magallanes
Fagnano, Jose.....Islas Dawson, Magallanes
Fique, Luis.....Islote Wite, Magallanes
Fernandez, Jose.Cancha Carrera, Magallanes
Fernandez, Gregorio,
Ultima Esperanza, Magallanes
Guilliers, Roberto..Morro Chico, Magallanes
Grandey, Oreste,
Puerto Altamirano, Magallanes
Gouyon, Pedro....Isla Bertrand, Magallanes
Giles i Carpentes,
Cerro Cazador, Magallanes
Hauzean, Paul.....Seno Otway, Magallanes
Hamilton i Saunders..Rio Chico, Magallanes
Harnies Hnos..Laguna Recalde, Magallanes
Johnson, H., & Cia.,
Chorrillo Cazador, Magallanes
Karck & Cia.....Cerro Castillo, Magallanes
Ladouch i Cia.....Palomares, Magallanes
Lafarest i Cia.....P. Moore, Magallanes
Lundberge i Geddes,
Lote Eberhardt, Magallanes
Ladouch i Cia....Rio Tranquilo, Magallanes
Lecourt v de B., Micaela,
Chabunco, Magallanes
Morrison, A.....Morro Chico, Magallanes
MacLean, M.....Rio Zurdo, Magallanes
Meric, J.....Canal Tito Roy, Magallanes
Meidell, J.....Gallegos Chicos, Magallanes
Menendez, J.....San Gregorio, Magallanes
Morrison i Fel....Cerro Picana, Magallanes
Mariscal, Etanislao..Mari Marta, Magallanes
MacRae i Cia..Tierra del Fuego, Magallanes
Marcon, A....Ultima Esperanza, Magallanes
MacHerson i Cia,
Rio Guillermo, Magallanes
Montes i Allende...Lote Karck, Magallanes
Nais Hnos.....Rio Viscacha, Magallanes
Osorio, Jesus....Canal Fitz Roy, Magallanes
Patagonian S. Farning i Cia,
Punta Delgada, Magallanes
Philipp Bay S. Farning i Cia,
Tierra del Fuego, Magallanes
Roux, F. (Suc).....Montebello, Magallanes
Roca, Carlos.....Entre Vientos, Magallanes
Roig, Suc.....Isla Isabel, Magallanes
Stuven i Cia.....Laguna Blanca, Magallanes
Saunders, Tomas....Seno Tway, Magallanes
Saldivia, Juan.....Rio Grande, Magallanes
Soc. Explotadora Tierra del Fuego,
Tierra del Fuega, Magallanes
Seeright, S.....Lago Balmaceda, Magallanes
Soc. Tierra del Fuego Farning i Cia,
Rio Verde, Magallanes
Tudic Pateu i Cia...Cerro Toro, Magallanes
Wagner, Enrique..Punta Maria, Magallanes
Jousseau, Juan..Canal Fitz Roy, Magallanes
Habbs i Cia.....Jente Grande, Magallanes
Allende, Antonio,
Rio de las Minas, Magallanes
Bisch, Juan.....Tres Puentes, Magallanes
Braun, M.....Tres Brazos, Magallanes
Cheines, Eugenio Bois de,
Rio de las Minas, Magallanes
Arnaud, Francisco,
Laguna Blanca, Magallanes
Bouvalot Hnos.Brazo del Zurdo, Magallanes
Blanchard i Rivera,
Laguna Blanca, Magallanes
Braun, E. H.....Cabo Negro, Magallanes
Bitsch, Juan.....Seno Otway, Magallanes
Bartlett, William,
Cabeza de Mar, Magallanes
Braun i Cameron.Dinamarquero, Magallanes
Blanchard i Cia....Rio Ciaique, Magallanes
Balmaceda, L....Isla Navarrino, Magallanes
Chesne, Eugenio Bois de,
Panteon, Magallanes
Blanchard i Bergie,
Morros Chicos, Magallanes
Valenzuela, Sara Braun de,
Pecket Harbour, Magallanes
Crisostomo, E. A..Seno Otway, Magallanes
Cordonier, J.....Cabo Negro, Magallanes
Cardenas, Daniel.Morros Chicos, Magallanes
Aguero, Correa, i Cia,
Cerro Palique, Magallanes
Diaz i Grant.....Rio Penitent, Magallanes
Diaz, Bartolo..Chorrillo Hondo, Magallanes
Diaz, Santiago..Brazo del Surdo, Magallanes
Diaz i Riquelme..Laguna Blanca, Magallanes
Dorlan, Milguel.Gallegos Chicos, Magallanes
Dobree i Alleen.....Rio Ciaique, Magallanes
Douglas, W.....Cerro Util, Magallanes
Diaz e Hijos.....Cosey, Magallanes
Daret, Jose..Carpa de los Cales, Magallanes
Dore, Eduardo.Punta Rocallosa, Magallanes
Fiscal, Hacienda...Agua Fresca, Magallanes
Roig, Suc.....Puerto Oazi, Magallanes
Menendez, Jose, 20,
San Gregorio, Magallanes
Nogueira, Jose..Pecket Harbour, Magallanes
Saunders i Hamilton,
Bahia Otway, Magallanes
Fabres, Jose.....Laguna Blanca, Magallanes
Soury i Hnos,
Tierra del Rey Guillermo IV, Magallanes
Felton i Barttlett,
Cabeza de Mar, Magallanes
Blanchard, Gaston.....Ciaique, Magallanes

Diaz, Damian....Laguna Blanca, Magallanes
Arnaud, Francisco..Las Chinas, Magallanes
Correa i Cia,
Tierra del Rey Guillermo IV, Magallanes
Braun i Cameron,
Laguna Romero, Magallanes
Blanchard, Juan..Laguna Blanca, Magallanes
Roux, Francisco....Monte Bello, Magallanes
Fiol, Jose.....Laguna Romero, Magallanes
Guilles, Roberto,
Morro de la Ciudadela, Magallanes
Diaz, Bartolo....Laguna Blanca, Magallanes
Elgueta, Jose H.....Mina Rica, Magallanes
Bitch, Juan.....Salto, Magallanes
Bays, Emilio.....Salto, Magallanes
Izarnoyegui, Julio....Palomares, Magallanes
Meric, Jorje.....Rio Verde, Magallanes
MacLean, Juan Merin..Rio Zurdo, Magallanes

NITRATE DEPOSITS.

Abra de Quiroga.....Negreiros, Pisagua
Abra de Ugarte.....Negreiros, Pisagua
Agua Santa.....Negreiros, Pisagua
Aguada.....Pampa Negra, Pisagua
Alianza.....Canton del Sur, Pisagua
Amelia .....Negreiros, Pisagua
Andorya.....Canton del Sur, Pisagua
Andacollo .....Yungai, Pisagua
Anjela.....Santa Catalina, Pisagua
Anjeles.....Canton del Sur, Pisagua
Animas.....Canton del Sur, Pisagua
Argentina .....Argentina, Pisagua
Ascencion de Capetillo...Negreiros, Pisagua
Ascencion de Loaiza.....Negreiros, Pisagua
Ascencion .....Pampa Negra, Pisagua
Asunta .....Yungai, Pisagua
Aurora .....Negreiros, Pisagua
Banda.....Sal de Obispo, Pisagua
Barrenechea .....Soledad, Pisagua
Bearnes.....Santa Catalina, Pisagua
Bella Vista.....Bella Vista, Pisagua
Borgoña..Department de Pisagua, Pisagua
Buena Ventura.....Canton del Sur, Pisagua
Buen Retiro.....San Antonio, Pisagua
Buena Esperanza.....Negreiros, Pisagua
Cala-Cala .....San Antonio, Pisagua
California.....Pampa Negra, Pisagua
California.....Sal de Obispo, Pisagua
California 2a.....Sal de Obispo, Pisagua
Candelaria de Montero,
Pampa Negra, Pisagua
Candelaria Perfetti.....Negreiros, Pisagua
Candelaria 2a.....Pampa Negra, Pisagua
Carmelitana .....Zapiga, Pisagua
Carmen Alto.....Soledad, Pisagua
Carmen (de Morales)...Negreiros, Pisagua
Carmen Bajo.....San Antonio, Pisagua
Carmen de Oviedo.....Negreiros, Pisagua
Carmen de Scheells.....Negreiros, Pisagua
Carmen .....Zapiga, Pisagua
Carnaval...Department de Pisagua, Pisagua
Carolina.....Sal de Obispo, Pisagua
Catolica .....Noria, Pisagua
Catolica .....Yungai, Pisagua
Chacollito .....Soledad, Pisagua
Chilena .....Negreiros, Pisagua
Chinquiquirai .....Chinquiquirai, Pisagua
Chinquiquirai.....Pampa Negra, Pisagua
China .....Noria, Pisagua
Colombia..... La Peña, Pisagua
Compañia .....Zapiga, Pisagua
Compania .....Chinquiquirai, Pisagua
Concepcion.....Sal de Obispo, Pisagua
Concepcion.....Pampa Negra, Pisagua
Cordillera.....Pampa Negra, Pisagua
Constancia.....Pozo Almonte, Pisagua
Democracia .....Negreiros, Pisagua
Dolores.....San Francisco, Pisagua
Dolores.....La Peña, Pisagua
Dolores.....San Antonio, Pisagua
Encarnacion.....Pampa Negra, Pisagua
Encarnacion .....Negreiros, Pisagua
Esmeralda .....Soledad, Pisagua
Esperanza.....Bella Vista, Pisagua
Fortuna.....Pampa Negra, Pisagua
Gracia....Department de Tarapaca, Pisagua
Hansa .....Soledad, Pisagua
Huascar .....Chinquiquirai, Pisagua
Jazpampa de Zavala.....Zapiga, Pisagua
Jazpampa Baja.....Zapiga, Pisagua
Jentilar .....Yungai, Pisagua
Jermania .....Negreiros, Pisagua
Lagunas.....Canton del Sur, Pisagua
Limeña .....Noria, Pisagua
Magdalena.....La Peña, Pisagua
Magdalena .....Argentina, Pisagua
Maria Encarnacion...Pampa Negra, Pisagua
Matamunqui .....Zapiga, Pisagua
Matillana .....Cocina, Pisagua
Mercedes .....Negreiros, Pisagua
Mercedes .....Huara, Pisagua
Negreiros .....Negreiros, Pisagua
Noria .....Noria, Pisagua
Normandia.....Pozo Almonte, Pisagua
Nueva Soledad.....Soledad, Pisagua
Nueva Virginia.....Arjentina, Pisagua
Nueva Carolina.....San Antonio, Pisagua
Nueva Rosario.....San Francisco, Pisagua
Nebrasca.....La Peña, Pisagua
Paccha .....Zapiga, Pisagua
Palacio Industrial....Sal de Obispo, Pisagua
Palma.....La Peña, Pisagua
Pampa Negra.....Pampa Negra, Pisagua
Paposo .....Noria, Pisagua
Paradas de.....Negreiros, Pisagua
Pasto .....Negreiros, Pisagua
Patria .....Chinquiquirai, Pisagua
Peña Grande.....La Peña, Pisagua
Peña Chica.....La Peña, Pisagua
Peña Retiro.....La Peña, Pisagua
Perla .....Soledad, Pisagua
Peruana .....Cocina, Pisagua

Porvenir .....Zapiga, Pisagua
Pozo Almonte.....Pozo Almonte, Pisagua
Pozo Almonte.....San Antonio, Pisagua
Primitiva .....Negreiros, Pisagua
Progreso .....Negreiros, Pisagua
Providencia .....Soledad, Pisagua
Puntunchara .....Negreiros, Pisagua
Quebrada de Pazos..Pozo Almonte, Pisagua
Ramirez .....Huara, Pisagua
Reducto.....Pampa Negra, Pisagua
Resurreccion.....Pampa Negra, Pisagua
Rincon.....Sal de Obispo, Pisagua
Rincon.....San Antonio, Pisagua
Rincon.....La Peña, Pisagua
Rosario .....Negreiros, Pisagua
Rosario de Veas.....Tizas, Pisagua
Rosario de Perez.....San Antonio, Pisagua
Rosario .....Zapiga, Pisagua
Rosario.....Pampa Negra, Pisagua
Rosario de Huara.....Huara, Pisagua
Sacramento .....Negreiros, Pisagua
Sacramento.....San Francisco, Pisagua
Sacramento.....San Francisco, Pisagua
Sacramento de Flores.....Cocina, Pisagua
Sacramento de Zapiga.....Zapiga, Pisagua
Saca-si-puedes,
Department de Pisagua, Pisagua
Salar de la Noria.....Noria, Pisagua
Salar del Carmen.....Soledad, Pisagua
San Antonio.....Dept. de Pisagua, Pisagua
San Antonio Viejo.....San Antonio, Pisagua
San Antonio.....Chinquiquirai, Pisagua
San Antonio de Majico,
San Francisco, Pisagua
San Antonio de Luza....Negreiros, Pisagua
San Antonio de Flores...Negreiros, Pisagua
San Antonio.....Soledad, Pisagua
San Antonio.....Zapiga, Pisagua
San Agustin.....Soledad, Pisagua
San Andres.....San Antonio, Pisagua
San Benigno.....Canton del Sur, Pisagua
San Carlos.....Cocina, Pisagua
San Cristobal.....Negreiros, Pisagua
San Donato..... .La Peña, Pisagua
San Francisco Bearnes.....Zapiga, Pisagua
San Francisco..... Bella Vista, Pisagua
San Francisco.....Pampa Negra, Pisagua
San Francisco.....La Noria, Pisagua
San Francisco (Campodonico)
San Francisco, Pisagua
San Francisco.....Rincon, Pisagua
San Francisco (Marquesado),
Canton del Sur, Pisagua
San Francisco.....San Francisco, Pisagua
San Francisco.....Dolores, Pisagua
San Fermin.....Yungai, Pisagua
San Fernando.....Cocina, Pisagua
San Jose.....Union, Pisagua
San Jose.....La Noria, Pisagua
San Jose.....Yungai, Pisagua
San Jose.....La Peña, Pisagua
San Jose de Puntunchara,
Negreiros, Pisagua
San Jose de Alba.....Zapiga, Pisagua
San Jose de Desvescovi...La Noria, Pisagua
San Juan.....Soledad, Pisagua
San Juan 2o.....Soledad, Pisagua
San Jorge.....Negreiros, Pisagua
San Lorenzo o San Donato,
La Peña, Pisagua
San Lorenzo.....Soledad, Pisagua
San Lorenzo Ramirez.....La Peña, Pisagua
San Lorenzo de Zavala.....Zapiga, Pisagua
San Lorenzo de Granadino,
Las Tizas, Pisagua
San Miguel.....Yungai, Pisagua
San Miguel (Cauvi),
Canton del Sur, Pisagua
San Nicolas.....Negreiros, Pisagua
San Patricio.....Zapiga, Pisagua
San Pablo.....Arjentina, Pisagua
San Pascual.....Canton del Sur, Pisagua
San Pedro.....Soledad, Pisagua
San Pedro.....Pampa Negra, Pisagua
San Rafael.....Canton del Sur, Pisagua
San Ramon.....Sal de Obispo, Pisagua
San Ramon.....Dept. de Pisagua, Pisagua
San Sebastian.....San Antonio, Pisagua
San Vicente.....Cocina, Pisagua
Santa Adela.....La Peña, Pisagua
Santa Ana.....Soledad, Pisagua
Santa Beatriz.....La Noria, Pisagua
Santa Beatriz.....Yungai, Pisagua
Santa Catalina.....Rincon, Pisagua
Santa Clara.....Soledad, Pisagua
Santa Emilia.....Canton del Sur, Pisagua
Santa Elena.....Las Tizas, Pisagua
Santa Laura de Wender...La Peña, Pisagua
Santa Laura de Barra.....Yungai, Pisagua
Santa Luisa.....Soledad, Pisagua
Santa Lucia.....Arjentina, Pisagua
Santa Isabel.....Arjentina, Pisagua
Santa Catalina.....Rincon, Pisagua
Santa Maria.....Yungai, Pisagua
Santa Rosa.....Huara, Pisagua
Santa Rosa.....Chinquiquirai, Pisagua
Santa Rosita.....La Noria, Pisagua
Santa Rita.....Pampa Negra, Pisagua
Santiago .....Rincon, Pisagua
Santo Domingo.....Pampa Negra, Pisagua

Santo Domingo..Dept. de Tarapaca, Pisagua
Santiago. .....San Francisco, Pisagua
Santa Rosa .....Huara, Pisagua
Sebastopol .....Yungai, Pisagua
Serena.....Pozo Almonte, Pisagua
Silencio .....Negreiros, Pisagua
Solar .....Bella Vista, Pisagua
Soledad Esperanza..Canton del Sur, Pisagua
Solferino .....Arjentina, Pisagua
Soronal o Coronel,
Dept. de Tarapaca, Pisagua
Tarapaca .....Negreiros, Pisagua
Tegethoff.....Pozo Almonte, Pisagua
Tordoya.....San Antonio, Pisagua
Transito .....Negreiros, Pisagua
Tres Marias.....Huara, Pisagua
Trinidad.....Pampa Negra, Pisagua
Union.....San Francisco, Pisagua
Valparaiso .....Huara, Pisagua
Victoria.....Sal de Obispo, Pisagua
Victoria.....Pampa Negra, Pisagua
Virjinia.....Las Tizas, Pisagua
Vizcaya.....La Noria, Pisagua
Yungai Bajo.....Yungai, Pisagua
Yungai de Albarracin.....Yungai, Pisagua
Yungai .....Yungai, Pisagua
Zapiga .....a.....Zapiga, Pisagu
Comp. de Saltrs. y Ferro-cls de Agua Santa,
Primitiva, Pisagua
The Amelia Nitrate Comp., Ltd.,
Amelia, Pisagua
The Amelia Nitrate Comp., Ltd.,
Aurora, Pisagua
The Amelia Nitrate Comp., Ltd.,
Josefina, Pisagua
Quiroga Hnos.....Progreso, Pisagua
The London Nitrate Comp., Ltd.,
Puntunchara, Pisagua
Juan Vernal i Castro,
R. de Negreiros, Pisagua
Granja i Dominguez...Democracia, Pisagua
Garnja i Dominguez..San Francisco, Pisagua
Granja i Dominguez.....Aragon, Pisagua
Comp. de Saltrs. i Ferrocls de Agua Santa,
Agua Santa, Pisagua
Mitrovich & Cia..... Mercedes, Pisagua
Empresa de Salitre i Ferrocl. de Junin,
Reducto, Pisagua
Empresa de Salitre i Ferrol de Junin,
San Antonio, Pisagua
Comp. Jeneral i Salitrera "La Aguada,"
La Aguada, Pisagua
Clarke, Federico G.....Mamiña, Pisagua
The Tamarugal Nitrate Comp., Ltd.,
La Patria, Pisagua
The Anjela Nitrate Comp., Ltd.,
Anjela, Pisagua
Blackader i Cia.....Rosita, Pisagua
The Sta. Catalina Nitrate Comp., Ltd.,
Santa Catalina, Pisagua
The San Sebastian Nitrate Comp., Ltd.,
Sacramento, Pisagua
W. R. Grace i Cia..Jazpampa Baja, Pisagua
Sociedad Nacional de Salitreras La Union,
La Union, Pisagua
The Santa Rita Nitrate Comp., Ltd.,
Santa Rita, Pisagua
The Santa Rita Nitrate Comp., Ltd.,
Carolina, Pisagua
Rawson i Whiteleg....San Patricio, Pisagua
Empresa de Salitre i Ferrocl de Junin,
Compañia, Pisagua
The Paccha & Jazpampa Nitrt. Co., Ltd.,
Jazpampa, Pisagua
Empresa de Salitre i Ferrocl de Junin,
San Antonio, Pisagua
The Paccha & Jazpampa Nitrt. Co., Ltd.,
Paccha, Pisagua
Malinarich Hnos,
Carmen de Morales, Pisagua
Compañia Agua Santa,
Caleta Buena, Tarapaca
Williamson Balfour i Cia,
San Esteban, Tarapaca
Lacalle i Cia.....San Manuel, Tarapaca
Nueva Compañia Colorada,
Buen Retiro, Tarapaca
Compañia Nueva Tamarugal,
La Palma, Tarapaca
Compañia San Donato.San Donato, Tarapaca
Compañia Liverpool.....Ramirez, Tarapaca
The Rosario Nitrate Co.,
Rosario de Huara, Tarapaca
Compañia San Jorge...San Jorge, Tarapaca
The Rosario Nitrate Co.,
Terrenos de S. Castro, Tarapaca
Jose Devescovi.....Constancia, Tarapaca
Inglis Lomax i Cia.....Serena, Tarapaca
Zoila Hidalgo de P.....Cala-Cala, Tarapaca
Pedro Perfetti.....Tres Marias, Tarapaca
Vernal Hnos.....Santa Rosa, Tarapaca
Compañia Agua Santa..Valparaiso, Tarapaca
Santiago Nitrate Co., Ltd.Santiago, Tarapaca
C. Werhahon i Cia.....Kerima, Tarapaca
Compañia Consolidada..Peña Chica, San
Jose Sacramento, Sta. Beatriz, Tarapaca

Gildemeister i Cia,
S. Carlos i Sta. Lucia, Tarapaca
Comp. Santa Lucia...Santa Lucia, Tarapaca
Comp. San Pablo.....San Pablo, Tarapaca
Comp. Santa Elena...Santa Elena, Tarapaca
Compañia Colorada.....Peruana, Tarapaca
The Rosario Nitrate Co.Solferino, Tarapaca
Folsh i Martin.....Paposo, Tarapaca
Folsh i Martin.....Santa Ana, Tarapaca
Folsh i Martin.....Virginia, Tarapaca
Folsh i Martin.....Cholita, Tarapaca
The Rosario Nitrate Co.,
Arjentina, Tarapaca
Gildemeister i Cia..San Pedro, Tarapaca
Hildalgo i Cia.....Sebastopol, Tarapaca
Bustos i Morales B..Esmeralda, Tarapaca
F. G. Clark i Cia..San Fernando, Tarapaca
Juan Vernal i Castro,
San Lorenzo, Tarapaca
Compañia Santa Clara,
Santa Clara, Tarapaca
Granja i Domingo.....Cataluña, Tarapaca
Gil Galte i Cia.....Providencia, Tarapaca
Comp. Internacional Salitrera,
La Perla, Tarapaca
Marincovich, P.....Vis, Tarapaca
Gibbs i Cia.....Alianza, Tarapaca
North, Test Juan T.,
Buenaventura, Tarapaca
Granja i Dominguez..La Granja, Tarapaca
North, Test Juan T.,
Laguna Central, Tarapaca
North, Test Juan T.,
Sur Lagunas, Tarapaca
North, Test Juan T.,
North Lagunas, Tarapaca
Comp. Ferrocarril Salitrera,
Ferrocarril Salitrero, Tarapaca
Chinchilla i Ochoa.....Lagunas, Tarapaca
Lecaros, Domingo.....Pica, Tarapaca
Contreras, Guillermo....Matilla, Tarapaca
The Anglo-Chilian Nitrate i Railway Co., Ltd.,
Estacion de Tocopilla, Tarapaca
Carne, Guillermo E...Bellavista, Tarapaca
Williams, W. A.....Bellavista, Tarapaca
The Anglo-Chilian Nitrate i Railway Co., Ltd.....Santa Isabel, Tocopilla
Folsh i Martin.....Santa Fe, Tocopilla
Saez, Testamentaria,
Puntillatir Porvenir, Tocopilla
Harnecker, Otto..Rica Aventura, Tocopilla
Squire, Eduardo,
Buena Esperanza, Tocopilla
Vargas, Clodomiro,
Propiedad, Antofagasta
Comp. de Salitre,
Comp. de Salitre, Antofagasta
Borax Consolited...Propriedad, Antofagasta
Establecimiento Playa Blanca,
Establecimiento Playa Blanca ..... Antofagasta
Granja i C..Caleta del Coloso, Antofagasta
Granja i C..Caleta del Coloso, Antofagasta
Granja i C..Caleta del Coloso, Antofagasta
Granja i C.....Pepita, Antofagasta
Granja i C.....Pedregoso, Antofagasta
Granja i C.....Estacas, Antofagasta
Granja i Dominguez..Estacas, Antofagasta
Claudio Astoreca i otros,
Estacas, Antofagasta
Bascunan A., Francisco,
Oficina Petronilla, Antofagasta
Caralpes i otros, Francisco,
Maria Teresa, Antofagasta
Doel, Establecimiento,
Central, Antofagasta
Doel, Establecimiento,
Esmeralda, Antofagasta
Doel, Establecimiento,
Florencia, Antofagasta
Lecaros, Gustavo.....Estacas, Antofagasta
Lacalle, Mauro,
Oficina Oriente, Antofagasta
Oyanedell, Laurencia.Estacas, Antofagasta
Ossai Ossa i otros, Gregorio,
Oficina San Gregorio, Antofagasta
Ossai Ossi i otros, Gregorio,
America, Antofagasta
Puelma, Hernan...San Rafael, Antofagasta
Valdivieso A., Alberto,
Cominidad W., Antofagasta
Valenzuela i otros, Jerman,
Estacas, Antofagasta
Whechorighto, Cominidad,
Estacas, Antofagasta
Walker, Concurso.....Estacas, Antofagasta
Empresa Industrial,
Empresa Ferrocarril, Taltal
Delfina Z. v de, Barazarte,
Establecimiento de Paposo de Delfina de Barazarte....., Taltal
The Lautaro Nitrate Co., Ltd.,
The Lautaro Nitrate Co., Ltd., Taltal
Folsh i Martin,
Oficina Atacama Salitrera, Taltal
Miguel i Rafael H. Barazarte,
Segunda Salitrera, Taltal

Nitrate Deposits.

Gibbs i Cia...Flor de Chile Salitrera, Taltal
Paez Cerra i Cia.....Alinza id., Taltal
Esperanza Nitrate Co., Ltd.,
Esperanza Nitrate Co., Ltd.,
Taltal Nitrate Co. id..... Taltal
Mesa, Regino...Santa Rosa i Sara, Taltal
Pedro i Carlos R. Severin,
Severin, id., Taltal
Berger, Jorge.....Sud-America, Taltal
Burby, F.....Los Amigos, Taltal
Sucesion Rafael Barazarte,
Oficina J. Antonio Moreno, Taltal
Castro, Lucas,
Carmen, San Pedro, Delfina, ete, Taltal
Berger, Jorge,
Oficina Salitrera Sud-America, Taltal
Hintze, Enrique.....Salitrera, Taltal

MINING AND INDUSTRIAL COMPANIES.

Empresa del Ferrocarril de Antofagasta a Bolivia.....Antofagasta
Empresa de Agua Potable.....Antofagasta
Artola Hnos,
Mineral de S. Bartolo, Antofagasta
Artola Hnos,
Levante i Redondo, Antofagasta
Cerruti, Jose.....Vega, Antofagasta
Nuñez, Ismael....Finca Nuñez, Antofagasta
Mathews, Guillermo,
San Guillermo, Antofagasta
Ferro-carrill de Antofagasta a Oruro, Antofagasta
Compañia Agua Potable.....Antofagasta
Soc. Beneficiadora de Chuquicamata,
Miraflores, Antofagasta
Establecimiento Carlos Baur....Antofagasta
Empresa Industrial,
Empresa Ferro-carril, Antofagasta
Comp. Arturo Prat,
Establecimiento A. Prat, Antofagasta
Atacama Mineral Co., Ltd.,
Establecimiento Atacama Ml. Co., Ltd., Antofagasta
Acuña, Camil,
Establecimiento de Beneficio, Antofagasta
Barazarte, Delfina Z. v de,
Establecimiento Barazarte, Antofagasta
Comp. Minera de Chañaral,
Establecimiento Chañaral, Antofagasta
Besa i Cia.....Fronton, Antofagasta
Compañia Minera....Fortunata, Antofagasta
Vildivieso, Simon,
Carmen i Minas Anexas, Antofagasta
Besa i Cia.....Manto Verde, Antofagasta
Roldan, Alejo,
Salinas del Salto Teresa, Antofagasta
Comp. Explotadora de Lota i Coronel,
Carrizalillo, Antofagasta
Manuel Carrera Pinto i Cia,
Cachiyuyo de Oro, Copiapo
Sanchez, Jose Ramon,
Maquina Atacama, Copiapo
Solar, Manuel R.,
Elisa de Bordo i otros, Copiapo
Miranda, Neftali.....Galena, Copiapo
Soto, Test Manuel P...Nantoco, Copiapo
Espoz Aguirre i Cia.....Urbina, Copiapo
Cortes C., Test Francisco,
Cerrillos, Copiapo
Niera, Pedro.....Totoralillo, Copiapo
Echeverria, Manuel,
Mquina Amalgamadora de Totoralillo ..... Copiapo
Vallejo, Juaquin B.,
Punta del Diablo, Copiapo
Compañia Inglesa de Minas,
Hornito, Copiapo
Soc. Industrial de Atacama,
Establecimiento Atacama, Copiapo
Araya i Meza
Hacienda Echeverria, Copiapo
Garcia i Echeverria,
Maquina de Amalgamacion, Copiapo
Soc. Minera Union de Bordos,
Sociedad Minera Bordos, Copiapo
Cousiño, Testamentaria,
Jorquera, Copiapo
Maggi, Emilio.....Goyo Diaz, Copiapo
Pizarro, Bruno Sergio,
La Capilla, Copiapo
B. Codecido i Cia.,
Maq. de Amalgamacion de S. Antonio .....Copiapo
Copiapo Mining i Cia...Andansue, Copiapo
Carrera de Pinto i Cia.....Copiapo
Mata, Felipe S.,
Maquina Buena Esperanza, Copiapo
Comp. Ferrocarril Huasco.....Freirina
Comp. Ferrocarril Huasco Bajo.....Freirina
Comp. Ferrocarril Bodeguillas.....Freirina
Comp. Ferrocarril Lancomillas.....Freirina
Comp. Ferrocarril Buena Esperanza, Freirina
Comp. Ferrocarril Vallenar.....Freirina
Vicuña, Felix.....El Higuero, Vallenar
Vicuña i Marin.....El Pelicano, Vallenar
Lambert, Carlos-J.....Compañia, Vallenar
Muñoz, Juan.....San Juan, Vallenar
Ireland, Tomas..Fabrica de Gas, Vallenar
Mac-Auleb E., Juan J.,
Bodegas de Carbon, Coquimbo
Canninglan, Tomas...Florenca, Coquimbo
Iralnd, Tomas.....Punta Mira, Coquimbo
Astaburruaga, Emilio..Mirador, Coquimbo
Lanas, Nicasio....San Martin, Coquimbo
Vicuña, Mariana Amor v de
Mira Mar, Coquimbo
Soc. Chilena de Fundicion,
Fundicion, Coquimbo
Cervero, Sucesion.....Fundicion, Ligua
Humeres G., L.....Las Mercedes, Ligua

Humeres G., Ricardo. Las Mercedes, Ligua
Humeres V., Ricardo. Las Mercedes, Ligua
Humeres V., Mercedes....Cartucho, Ligua
Cervero, Test.....Carlota, Ligua
Soc. Minas de Cobre de Catemu,
Las Maquinas, Ligua
Figueroa, Virginia O. v de,
Fabrica de Almidon, Ligua
A. Duco i Cia,..Fabrica de Almidon, Ligua
Parry i Cia.....Fabrica de Almidon, Ligua
Bunster, Consolacion S. v de,
Fabrica de Almidon, Ligua
Garcia, David,
Fabrica de Almidon, San Felipe
Sociedad Cervecerias Unidas,
Fabrica de Cerveza, Santiago
Diaz, Ramon A.,
Fabrica de Cerveza, Santiago
Infante, Ricardo..Molino Esmeralda, Santiago
Carmela Infante..Molino Esmeralda, Santiago
Magnare, Alcides.....Curtiduria, Santiago
Fernandez Jara i Taulis,
Fabrica Nacional, Victoria
Heber i H. Jones i Cia.,
Fabrica Nacional de Polvora, Victoria
Tejdos, Fabrica Nacional de,
Fabrica Nacional de Tejidos, Victoria
Test Edwards i Cia.....Molinos, Maipo
Ramila, Jose Gavino.....Molinos, Maipo
Eyzaguirre, Mercedes.....Molinos, Maipo
Ovalle v de R., Test Fanny,
Molinos, Maipo
Castillo, Valentin.....Molinos, Maipo
Schultz, Juan..Molino Santa Elvira, Maipo
Rosenthal, Juan,
Molino Sta. Filomena, Maipo
Heines, Enrique...Molino Dolihue, Maipo
Collao, Miguel Ignacio,
Molino Puchacai, Concepcion
Comp. Explotadora de Lota i
Coronel.....Minas de Carbon, Lautaro
Comp. Carbonif de Fund. Schager,
Minas de Carbon, Lautaro
Mococain, Fernando.....Molino, Lautaro
Sociedad Molino Coronel...Molino, Lautaro
Rojas, Test de Jorge,
Minas de Carbon, Lautaro
Com. Explotadora de Lota i
Coronel,
Fundicion de Cobre i Otros, Lautaro
Comp. de Arauco...Linea Ferrea, Lautaro
Duhart, Hnos.....Molino, Imperial
Maria, Victor.....Molino, Imperial
Paillalef, Pascual.....Molino, Imperial
Soc. Minera de todos Los Santos .....Marquesa, La Serena
Soc. Chilena de Fundicion,
Tongoi, Pangue i Cerro Colorado, Ovalle
Ramirez, Abbdon F.
La Sultana, Combarbala
Bronce, Mineral de,
Mineral de Bronce, Petorca
Espinosa i Cia.....Las Palmas, Petorca
Suc. Cervero i Cia.....Cabildo, Petorca

COMMERCIAL DIRECTORY.

AGENTS (SHIPPING).

Abad & Cia, Benito..Cochrane 19, Valparaiso
Achiarella & Cia.....Blanco 113, Valparaiso
Aguayo, J. S..Ave. Errazuriz 291, Valparaiso
Asenjo & Bate.....Cochrane 35, Valparaiso
Barrios, Alejo.....Cochrane 42, Valparaiso
Beduneau, F ....Serrano 59, Valparaiso
Bianchi, Daniel.....Cochrane 32, Valparaiso
Bianchi, Faustino.....Blanco 114, Valparaiso
Bustos, C.....Serrano 10, Valparaiso
Camus, Francisco....Blanco 116, Valparaiso
Cardenas & Cia, A....Blanco 66, Valparaiso
Court Hnos.....Cochrane 75, Valparaiso
Costa, Enrique A....Blanco 274, Valparaiso
Cueto, Pedro E.,
Ave. Errazuriz 291, Valparaiso
Chodovich & Cia.....Blanco 436, Valparaiso
Deformes, Guillermo..Blanco 122, Valparaiso
Edwards, Fernando.....Prat 49, Valparaiso
Echegaray & Luco,
Ave. Errazuriz 211, Valparaiso
Echiburu & Cia.....Cochrane 31, Valparaiso
Escribano, Tomas..Cochrane 78, Valparaiso
Fuentes, F. de la.... Cochrane 9, Valparaiso
Fuller, Antonio.....Serrano 59, Valparaiso
Gauter, Juan.....Blanco 171, Valparaiso
Guard & Cia.....Blanco 287, Valparaiso
Guard, Rafael.....Blanco 116, Valparaiso
Gutierrez, Cobo A....Blanco 189, Valparaiso
Harris, Armando...Cochrane 35, Valparaiso
Johnson, G. C.....Cochrane 20, Valparaiso
Jones y Castelblanco,
Ave. Errazuriz 89, Valparaiso
Katz, Ovalle T.....Blanco 280, Valparaiso
Lavin, Enrique.....Cochrane 32, Valparaiso
Lorca & Aldunate...Cochrane 35, Valparaiso
Lorca, Luis E.....Cochrane 31, Valparaiso
Lopez, B.....Cochrane 3, Valparaiso
Maass, Roberto,
Ave. Errazuriz 197, Valparaiso
Martin, E. L.....Cochrane 35, Valparaiso
Martinez, Vicente,
Ave. Errazuriz 139, Valparaiso
Mococain, Pedro....Cochrane 86, Valparaiso
Molina & Cia, Luis A....Prat 35, Valparaiso
Mora, Juan A.....Serrano 21, Valparaiso
Palacios, Manuel A..Cochrane 68, Valparaiso
Aulsen, Adolfo.....Serrano 15, Valparaiso
Ramirez, Arturo....Cochrane 80, Valparaiso
Rocuant & Torres...Cochrane 18, Valparaiso
Rocha, Francisco...Cochrane 82, Valparaiso
Rosales, Pastor.....Cochrane 17, Valparaiso
Roses & Larrazabal..Blanco 170, Valparaiso
Salamanca, Juan A.....Prat 80, Valparaiso
Santibañez, G. Pedro.Serrano 17, Valparaiso
Schele, Alberto. Cochrane 86, Valparaiso
Schmidt, Pedro C.Ave. Brazil 32, Valparaiso
Schring & Cia, O...Cochrane 35, Valparaiso
Tello & Gonzalez.....Blanco 370, Valparaiso
Velenzuela, Jose G..Cochrane 82, Valparaiso
Valverde, Ramon 20.Cochrane 86, Valparaiso
Vega, Remberto...Cochrane 108, Valparaiso

AGENTS (EXPORTING).

Borax Consolidated, Limited,
Prat 99, Valparaiso
Cumming, E. W.....Prat 49, Valparaiso
Edwards, Fernando.....Prat 49, Valparaiso
Ehbers & Cia.....Blanco 36, Valparaiso
Gonzalez & Soffia....Blanco 170, Valparaiso
Graham Rowe Co...Cochrane 54, Valparaiso
Granja, Dominguez & Astoreca,
Prat 30, Valparaiso
Gutschow & Piza....Blanco 244, Valparaiso
Galan & Cia.....Freire 141, Concepcion
Howe & Bowchier....Blanco 170, Valparaiso
Inglis, Lomase & Cia..Prat 69 A, Valparaiso
Jackson Hnos.....Cochrane 58, Valparaiso
Koster & Wincken....Comercio, Concepcion
Mackay & Cia, W....O'Higgins, Concepcion
Noguera Vives & Cia...Prat 43, Concepcion
Oehninger, G..Ave Errazuriz 193, Valparaiso
Reimers, Enrique.....Blanco 344, Valparaiso
Ribbeck & Schacht,
Ave. Brazil 97, Valparaiso
Severin Hnos.....Cochrane 84, Valparaiso
Wulff, Weber & Cia..Blanco 120, Valparaiso
Wiegand & Cia.....Blanco 24, Valparaiso

AGENTS (COMMERCIAL).

Alvarez, C. Carlos.....Prat 15, Valparaiso
Abascal, Alejandro.....Nuble
Besa & Cia.....Blanco 249, Valparaiso
Bustos, Cosme.....Cochrane 102, Valparaiso
Claudio, Carlos.....Prat 15, Valparaiso
Christie, F.....Blanco 235, Valparaiso
Cook, Federico.....Serrano 59, Valparaiso
Davis, J. D.....Cochrane 15, Valparaiso
Edwards, Fernando.....Prat 49, Valparaiso
Fellinger, Oscar.....Serrano 33, Valparaiso
Fuentes & Carrasco.....Nuble
Goldenberg, Benjamin.....Nuble

AGENTS (COMMERCIAL)—Continued.

Irarrazabal & Cia.....Nuble
Ibieta, Ignacio.....Lincolan 53, Concepcion
Harismendy, B..Comercio 43 A, Concepcion
Hott & Sommer..Caupolican 24, Concepcion
Jensen, Julio.....Nubla
Jones, E. Ca, O..Comercio 45 B, Concepcion
Ruffre, Luis F.....Serrano 51, Valparaiso
Krause, O. & E..Comercio 45 B, Concepcion
Malfanti, Pedro.....Aconcagua
Moreno, Eduardo.....Concepcion
Menchaca, Camilo.....Concepcion
Mocoquin, Emilio...O'Higgins 62, Concepcion
Mulgrew, Patricio.....Concepcion
Mulet, Jose M....Magallanes, Punta Arenas
Prieto, D.....Nubla
Paris, Julio.....Comercio 121, Concepcion
Richards, Arturo J..Comercio 44, Concepcion
Samhaler, A.....Blanco 140, Valparaiso
Sharf, Adolfo.....Blanco 368, Valparaiso
Sansot, Luis.....Freire 81, Concepcion
Shwartzlose, Arturo,
Freire 179 A, Concepcion
Tillmans & Cia.....Blanco 454, Valparaiso
Terran & Venegas.....Nuble
Tiedge, Fernando.....Nuble
Williams Hnos.....Cochrane 42, Valparaiso
Williamson, Balfour.....Nuble
Witting, Otto.....Nuble
Urzua, Blas Jose.....Curico
Wing on Chong & Cia,
Ahumada 147, Santiago
Wedeles, Ricardo...Huerfanos 769, Santiago
Werner, Gustavo,
Portal MacClure 11, Santiago
Wohlrath, Adolfo....Moneda 930, Santiago
Wirth, Ernesto E.....Estado 142, Santiago
Weber y Cia.....Comercio 47, Concepcion
Amenabar, O. Guillermo.....Antofagasta
Alfaro, Hermogenes.....Antofagasta
Asenjo, Arturo.....Valdivia
Barros & Cia.....Tacna
Bebin & Cia.....Tacna
Burchard & Cia.....Tacna
Barrogan, Simon.....Tarapaca
Boltar, H. E.....Tarapaca
Bravo, Juan M.....Tarapaca
Campbell & Cia.....Tacna
Coffarena & Cia, Blas.....Tarapaca
Carolps, Francisco .....Antofagasta
Delano, Eduardo .....Antofagasta
Empresa Agricola de Tomasiri.....Tacna
Folke & Adeladorcer.....Tarapaca
Fell & Bolton.....Tarapaca
Fabres, Julio .....Antofagasta
Gibbs & Cia.....Tarapaca
Gonzalez, Nicolas .....Tarapaca
Granja Dominguez & Astoreca.....Tarapaca
Groothoof, A. y O.....Tarapaca
Harrington, Morrison & Cia.....Tarapaca
Henderson, D.....Tarapaca
Hesse, Carlos A.....Tarapaca
Hauriot, Jorge .....Antofagasta
Henfemann Hnos.....Valdivia
Joffery, Jose .....Tagna
Jackson Hnos .....Tarapaca
Jackson, Eduardo .....Antofagasta
Iriberry & Cia.....Tagna
Inglis, Lomax & Cia.....Tarapaca
Koch & Cia, Luis.....Tagna
Levy & Cia, Gabriel.....Tagna
Marchand, Eugenio .....Tagna
Molfino, Alberto .....Tarapaca
Mackie, Carlos G.....Antofagasta
Mandiola, Jose B.....Antofagasta
Martin, Otto .....Valdivia
Nelli, Juan .....Tarapaca
Nembrana, Carlos .....Tarapaca
Ojeda, Francisco .....Tarapaca
Peake, J. N.....Tarapaca
Pelle & Cia, J. P.....Tarapaca
Pettie, Santiago .....Tarapaca
Pinedo, Serafin .....Tarapaca
Polastri, Augusto V.....Tarapaca
Plaza, Manuel G. de la.....Tarapaca
Prochele, Carlos .....Valdivia
Prochele, Gustavo .....Valdivia
Rabinal, Otto .....Tarapaca
Richardson, David .....Tarapaca
Sanchez, Eduardo .....Tarapaca
Sartori, Emilio A.....Tarapaca
Wilms, Guillermo .....Tarapaca
Wulff, Weber & Cia.....Tarapaca
Vallebona, Alonso .....Tarapaca
Velez & Cia.....Tarapaca
Vernal & Castro, Juan.....Tarapaca
Alvarado, Primitivo.....Talca
Rojas, Ruben .....Talca
Rojas, Ricardo .....Talca
Rivera, Javier .....Talca
Vergaro, Arturo .....Talca
Wessel, Ricardo .....Talca
Adriasola, J. Jose.....Atacama
Arnolds, Eduardo....Blanco 178, Valparaiso
Acosta, Mateo.....Huerfanos 825, Santiago
Adriasola Romulo...Moñeda 1119, Santiago
Aguilo, Hnos. & Cia..Montijas 885, Santiago
Aldunate, Manuel....Bandera 202, Santiago
Apel, Alberto.....Bandera 287, Santiago
Appelgreen & Cia..Huerfanos 217, Santiago

AGENTS (COMMERCIAL)—Continued.

Astaburuaga, Carlos A.,
Huerfanos 830, Santiago
Astaburuaga, Jorge.....Band 207, Santiago
Alemparte, Juan A...O'Higgins, Concepcion
Arestizabal, Vicente,
Comercio 120, Concepcion
Barnett & Cia.....Cochran 37, Valparaiso
Barrios, Alejo.....Blanco 229, Valparaiso
Roimeras, Enrique...Blanco 334, Valparaiso
Benavides & Romo.....Prat 22, Valparaiso
Bianchi, Daniel.....Cochrane 32, Valparaiso
Birrel, W. A.....Cochrane 52, Valparaiso
Boladas, C. Carlos.....Prat 47, Valparaiso
Bordali, A. Ricardo.....Prat 95, Valparaiso
Briceño, Antonio....Cochran 86, Valparaiso
Bruel, Eugenio.....Prat 72, Valparaiso
Bustamante, Eduardo...Prat 37, Valparaiso
Bac & Cia, Alfredo de...Bandera 42, Santiago
Baeza, A. Adolfo..Agustinas 1039, Santiago
Baeza, E. Adolfo.....Nataniel 266, Santiago
Baeza, R. Emilio.....Bandera 345, Santiago
Bernales, Graciano..Agustinas 1129, Santiago
Briceño, Enrique..Huerfanos 1072, Santiago
Briceño, Jorge.....Huerfanos 761, Santiago
Buschman .....O'Higgins, Concepcion
Baratan, Victoriano.....Magallanes
Cosme, Bustos.....Valparaiso
Campaña, T..Ave. Errazuriz 203, Valparaiso
Carvallo, R. U.....Cochran 30, Valparaiso
Coghell, Guillermo,
P. Esmeralda 4, Valparaiso
Cousiño, Lyon & Cia....Prat 96, Valparaiso
Craig, Christia R. J....Prat 76, Valparaiso
Cubillos, Romo Ricardo,
San Jose 121, Valparaiso
Cueto, Pedro A.....Blanco 294, Valparaiso
Chaiguean, Julio...O'Higgins 10, Valparaiso
Chinchilla, Manuel.....Prat 71, Valparaiso
Chodowieki & Cia....Blanco 436, Valparaiso
Cabrera, Carlos.....Bandera 147, Santiago
Cadiz, Paulino.....Bandera 503, Santiago
Calvo, Luis.....Huerfanos 1045, Santiago
Camahotz, Clemente.Huerfanos 761, Santiago
Campaña, Emilio.....Bandera 413, Santiago
Campo, Eleodoro del..Bandera 227, Santiago
Campo, Maxiliano del,
Cité Concha y Toro 5, Santiago
Carvallo, Urbano...Campañia 1166, Santiago
Casas, E. Federico..Huerfanos 956, Santiago
Castro, Saturnino..Huerfanos 956, Santiago
Casenave, A.....Ahumada 335, Santiago
Casotte, Luis de.....Bandera 224, Santiago
Costa, Alfredo.....Bandera 198, Santiago
Cotapos, Nemorino..Agustinas 1021, Santiago
Cotapos, Eulogio C..Huerfanos 865, Santiago
Gacitua, B. Augustin..Blanco 170, Valparaiso
Gaedechens, A. R.....Prat 62, Valparaiso
Giles, C. Robert..Cochrane 19 J., Valparaiso
Gonzalez, Soffia & Cia,
Blanco 170, Valparaiso
Gosch, Hugo.....Blanco 170, Valparaiso
Grootoff, A. & O...Blanco 244, Valparaiso
Guerra, Manuel.....Blanco 280, Valparaiso
Gajardo, Moises.....Monjitas 845, Santiago
Gandarillas, Jorge..Huerfanos 820, Santiago
Gama, U. Samuel..Huerfanos 865, Santiago
Godoy, Guillermo.....Sama 1181, Santiago
Gonzalez, Luis F..Huerfanos 1070, Santiago
Gonzalez, Ramon...Huerfanos 825, Santiago
Greek, Cross & Cia,
Huerfanos 1148, Santiago
Guzman, Alfredo..Compañia 1273, Santiago
Guzman, Francisco....A. Prat 641, Santiago
Guzman, A. Guillermo..Serrano 458, Santiago
Gajardo, Moises.O'Higgins 90 A, Concepcion
Greene, C. Julio,
Anibal Pinto 15 B, Concepcion
Goeminne, Augusto.....Magallanes
Harris, Armando M..Cochrane 35, Valparaiso
Hempel, Felix.....Blanco 122, Valparaiso
Herrera, Arturo....Cochrane 32, Valparaiso
Herra, P.....Prat 32, Valparaiso
Herrera, Oscar J..Cochrane 67 A, Valparaiso
Hoffman, R.....Cochrane 80, Valparaiso
Holbrook, Juan..Vista Hermosa 6, Valparaiso
Holzmann, Carlos..Cochrane 229, Valparaiso
Harismendy R..Comercio 43 A, Concepcion
Hunster & Cia.....Magallanes
Infante, Alfredo...Huerfanos 1078, Santiago
Infante, Javier....Huerfanos 1078, Santiago
Infante, Jorge A.....Bandera 65, Santiago
Iniguez, L. Antonio,
Huerfanos 1076, Santiago
Jasue & Urenda.....Serrano 35, Valparaiso
Justiniano & Cia.....Serrano 59, Valparaiso
Julio, Jensen.....Casilla 62, Nuble
Jones, Osvaldo..Comercio 45 B, Concepcion
Klickman, Alberto..Cochrane 78, Valparaiso
Lacalle, Hnos.....Cochrane 86, Valparaiso
Lanctot, B.....Cochrane 67, Valparaiso
Le Roy & Cia, B. A..Blanco 207, Valparaiso
Lever, Murphy & Cia..Blanco 68, Valparaiso
Lorca & Aldunate..Cochrane 35, Valparaiso
Lorca, Luis E.....Cochrane 31, Valparaiso
Labarca, F. Anibal..Huerfanos 1154, Santiago
Lahtz, Carlos.....Huerfanos 761, Santiago
Larrain, Jose L.....Huerfanos 802, Santiago
Latorre, Enrique.....Bandera 139, Santiago
Lecaros, Alberto..Huerfanos 1010, Santiago

AGENTS (COMMERCIAL)—Continued.

Lecaros, L. Ricardo..Huerfanos 879, Santiago
Lemm, Florencia.....Bandera 33, Santiago
Lira & Wilson.....Bandera 345, Santiago
Lira, Joaquin.....Huerfanos 816, Santiago
Lopez, Cesar.....Bandera 522, Santiago
Martin, E. L.....Cochrane 29, Valparaiso
Martinez, A. Manuel..Cochrane 28, Valparaiso
Merino, Carvallo Carlos,
Prat 104, Valparaiso
Merlet, Enrique & Cia..Prat 102 A, Valparaiso
Mococain & Gatti...Cochrane 31, Valparaiso
Mohr, Bruno.....Prat 37, Valparaiso
Moirs & Cia.....Blanco 262, Valparaiso
Molina & Cia, L. A.....Prat 73, Valparaiso
Monk, Carlos.....Cochrane, Valparaiso
Montano, Carlos L..Cochrane 240, Valparaiso
Muller, Leonardo....Blanco 368, Valparaiso
Muller, Voss Hnos.....Prat 106, Valparaiso
Mackenna, Guillermo.Bandera 214, Santiago
Martinez & Cia.....Bandera 152, Santiago
Medina, M. Arturo...Bandera 184, Santiago
Molina, P. Jose.....Bandera 153, Santiago
Molina, Robustiano..Monjitas 845, Santiago
Molinas, Pedro....Huerfanos 1068, Santiago
Murillo, Alejandro..Huerfanos 875, Santiago
Muñoz, G. E.....Huerfanos 1062, Santiago
Mulgrew, P. R.,
O'Higgins & Colo-Colo, Concepcion
Nagal & Bischoffhausen,
Blanco 274, Valparaiso
Negri, Santiago,
Baños de Panimavidas, Prov. de Linares
Oehrns, Julio.....Huerfanos 1072, Santiago
Orrego, Francisco R.,
Huerfanos 1102, Santiago
Ossa, Nicomedes 20..Huerfanos 859, Santiago
Olmos, Emilio.....Magallanes
Pardo, Correo Manuel....Prat 68, Valparaiso
Poisson, Elias.....Blanco 164, Valparaiso
Pommerenke, Gustavo...Prat 47, Valparaiso
Powditch, A.....Prat 95, Valparaiso
Pozo, Bernardo.....Blanco 280, Valparaiso
Price, Arturo.....Prat 90, Valparaiso
Perez, C. Eulogio...Huerfanos 865, Santiago
Perez, C. Felix....Huerfanos 830, Santiago
Perez, Francisco M..Monjitas 845, Santiago
Phillips, Alberto.....Bandera 265, Santiago
Pinto, Eduardo....Agustinas 1035, Santiago
Pinto, Joaquin N..Huerfanos 859, Santiago
Poblete, Luis A....Echaurren 332, Santiago
Poirot, Eduardo....Huerfanos 761, Santiago
Prado, Jerman.....Monjitas 845, Santiago
Prieto, Miguel.....Huerfanos 859, Santiago
Paulsen, Ebbe,
Baños Quinamaveda (Prov. de Linares)
Real, W.....Ave. Errazurris 193, Valparaiso
Reimers, Enrique....Blanco 344, Valparaiso
Richardson, Davis.....Prat 91, Valparaiso
Ripamonti, Finlay & Cia..Prat 10, Valparaiso
Rivas, Juan.....Cochrane 86, Valparaiso
Roberts, R. W.....Prat 22, Valparaiso
Rogerts, Jorge.....Prat 37, Valparaiso
Rojas, L. A.....Cochrane 78, Valparaiso
Ross, Gustavo.....Prat 68, Valparaiso
Racabarren, L. Columbano,
San Martin 525, Santiago
Reyes, O. Arturo.....Bandera 11, Santiago
Riesco, Hipolito...Sto. Domingo 979, Santiago
Risopatron, Francisco..Bandera 139, Santiago
Rodriguez, L. Wenceslao,
M. Rodriguez 99, Santiago
Rodriguez, S. Wenceslao,
Agustinas 822, Santiago
Rogers, Carlos....Huerfanos 1056, Santiago
Rudolphy & Delfin..Huerfanos 1072, Santiago
Ruiz Hnos.....Bandera 202, Santiago
Rio, Alfredo del..O'Higgins 54, Concepcion
Rich, J. W.....Magallanes
Samit, Juan A.....Aconcagua
Sanchez & Fuenes.....Prat 80, Valparaiso
Sanguinetti, Eduardo...Carrera 89, Valparaiso
Sanguinetti, Miguel....Carrera 89, Valparaiso
Sachde, Alberto.....Cochrane 86, Valparaiso
Schmidt, Enrique...Cochrane 50, Valparaiso
Schmidt, Roberto.....Prat 88, Valparaiso
Schoulmann, Otto..Cochrane 80, Valparaiso
Scarle & Cia.....Cochrane 34, Valparaiso
Sharpe, Beltran.....Prat 73, Valparaiso
Silva, D.....Plaza Justicia 24, Valparaiso
Slehn, H.....Prat 69, A, Valparaiso
Soto, Giocolea.....Prat 94, Valparaiso
Sproat, Picton.....Cochrane 60, Valparaiso
Saavedra, Ignacio...Bandera 188, Valparaiso
Salas Hnos & Cia..Huerfanos 821, Valparaiso
Salas, Elias.....Huerfanos 1068, Valparaiso
Santa Maria & Prado, Puelma,
Teatinos 88, Valparaiso
Salvo & Cia, Alejandro,
Huerfanos 1152, Valparaiso
Sohrens & Cia, Guillermo,
Bandera 88, Valparaiso
Soria, U. Samuel..Huerfanos 865, Valparaiso
Soto, Feliciano..Huerfanos 1062, Valparaiso
Sansot, Luis Freire,
Freire & Lincoyan, Concepcion
Sanheuza, A. Roque.....Bio-Bio
Stambuck, N. K.....Magallanes
Tambon & Cia.....Prat 80, Valparaiso

AGENTS (COMMERCIAL)—Continued.

Tello & Gonzalez....Blanco 368, Valparaiso
Titius, Gustavo.....Cochrane 86, Valparaiso
Trevor, Carlos.....Cochrane 52, Valparaiso
Tagle, V. Luis.....Huerfanos 889, Santiago
Tapia, M. Ruperto...Bandera 156, Santiago
Torres, Ramon....Huerfanos 1078, Santiago
Ureta, C. Arturo.....Prat 47, Valparaiso
Urrutia, B.....Blanco 280, Valparaiso
Ureta, Emeterio....Huerfanos 855, Santiago
Valdes, Primo.....Blanco 825, Valparaiso
Varas, Emilio.....Prat 16, Valparaiso
Vegas, Remberto..Cochrane 108, Valparaiso
Vega, Romulo,
Ave. Errazuris 209, Valparaiso
Vela & Cia.....Cochrane 75, Valparaiso
Vicuña, S. Ave.,
Ave. Errazuris 209, Valparaiso
Vorwerk & Cia.....Prat 75, Valparaiso
Vucetich & Cia.....Prat 80, Valparaiso
Valdes, L. Jorge...Huerfanos 870, Santiago
Valenzuela, Raimundo,
Catedral 1119, Santiago
Valenzuela, Vicente.Huerfanos 1175, Santiago
Vega, Domingo....Huerfanos 1052, Santiago
Vidal, P. Gabriel...Huerfanos 875, Santiago
Vidaurrazaga, Manuel,
Agustinas 944, Santiago
Videla, H. Luis.....Bandera 198, Santiago
Villarreal, Carlos.....Bandera 217, Santiago
Walker, Federico.....Prat 57, Valparaiso
Weston, F..Ave. Errazuris S/N, Valparaiso
Wiegand & Cia.....Blanco 24, Valparaiso
Wulff, Beausire & Cia..Blanco 120, Valparaiso
Weber, Alfredo....Huerfanos 761, Santiago
Wedeles, Ricardo..Huerfanos 769, Santiago
Wicks, Guillermo...Huerfanos 761, Santiago
Young, Patrick S..Cochrane 19 J, Valparaiso
Young, Jerman..Sto. Domingo 979, Valparaiso
Zanelli & Cia, Enrique..Prat 35, Valparaiso
Zavala, Manuel....Bandera 230, Valparaiso
Zañartu, Carlos.....Bandera 265, Valparaiso
Zuñiga, Napoleon...Huerfanos 875, Valparaiso

AGENTS (CUSTOMS).

Banados Hnos, Luis, Julio,
Cochrane 35, Valparaiso
Beduneau, F. L.....Serrano 59, Valparaiso
Betteley é Hijos.....Serrano 59, Valparaiso
Biggs, Mateo.....Serrano 74, Valparaiso
Chodowileki Cia, J...Blanco 436, Valparaiso
Echeverria, P. J.....Serrano 59, Valparaiso
Echverria, Pedro Jose,
Chacabuco 413, Valparaiso
Febres, Alberto.....Tarapaca
Juarez, Cesar.....Serrano 59, Valparaiso
Justiniano & Cia.....Serrano 59, Valparaiso
Loiselle, Eduardo....Blanco 274, Valparaiso
Molina & Cia, L. A.....Prat 73, Valparaiso
Mora, Juan A.....Serrano 21, Valparaiso
Paulsen, Adolfo 20. Delicias 210 C, Valparaiso
Plaza, Isauro.....Prat 41, Valparaiso
Ramires, Arturo....Cochrane 80, Valparaiso
Roa, Ruperto.....Serrano 32, Valparaiso
Salamanca, Jose A...Serrano 63, Valparaiso
Santibañez, Pedro....Serrano 17, Valparaiso
Zomea, R.....Tarapaca

AGENTS OF FOREIGN HOUSES.

Allardice & Cia.....Agustinas 931, Santiago
Almeida, Anibal.....Monjitas 811, Santiago
Arendt, Rodolfo..Sto. Domingo 1244, Santiago
Arestizabal & Cia.....Concepcion
Barbier & Cia.....Bandera 176, Santiago
Balcker & Cia.....S. Antonio 262, Santiago
Benois, Enrique.....Estado 142, Santiago
Berstein, Benjamin F...Bande 102, Santiago
Cool, Enrique.....Huerfanos 761, Santiago
Conden, Camales Hnos,
Ahumada 219, Santiago
Carstens & Schlofelt,
Comercio 100 S, Concepcion
Elhers, D. Carlos.....Estado 265, Santiago
Elhers, D. Carlos..Pasaje Matte 11, Santiago
Gotz & Cia.....Catedral 1053, Santiago
Grace & Cia.....Huerfanos 1075, Santiago
Graf, Carlos.....S. Diego 185, Santiago
Greeck, Crosse & Cia,
Huerfanos 1138, Santiago
Goyeneche & Cia, E.,
Caupolican S/N, Concepcion
Gratenan & Cia, R.,
Loncoyan & O'Higgins, Concepcion
Heiremans, Amadeo,
Sto. Domingo 1681, Santiago
Horst, Jerman.....Catedral 1067, Santiago
Koch, Alberto.....Catedral 1093, Santiago
Jones, Osvaldo..Comercio 45 B, Concepcion
Lobe & Cia.....Sto. Domingo 963, Santiago
Lange & Cia....Comercio S/N, Concepcion
Meyerholz, Fischer & Cia,
Merced 774, Santiago
Moeller, Augusto...Catedral 1057, Santiago
Mauger, Luis.....Comercio 142, Concepcion
Ponson, Armando....Bandera 176, Santiago
Plesch, Julio...Comercio 101 A, Concepcion
Puey, Juan.....Comercio 144 A, Concepcion
Rogers, Carlos....Huerfanos 1056, Santiago
Rourke & Cia, Elliott T.,
S. Antonio 262, Santiago

AGENTS OF FOREIGN HOUSES—Continued.

Ried, Gustavo.....Bandera 510, Santiago
Rogers & Cia..Comercio 102 A, Concepcion
Savedra, Bernard & Cia,
Bandera 435, Santiago
Samhaber, Augusto....Rosas 1037, Santiago
Sanden, A. T.....Estado 223, Santiago
Schulso, Emilio.....Catedral 1093, Santiago
Siever & Thiele.....Monjitas 831, Santiago
Saavedra, Bernard & Cia,
Comercio & Rengo, Concepcion
Schooelin, Alfredo,
Comercio 63 A, Concepcion
Spoerer & Cia, Oscar,
Comercio & Colo-Colo, Concepcion
The English Electric Belt Co.,
Estada 265 Pasaje Bda, Santiago

AGENTS OF INSURANCE COMPANIES.

Arestizabal, Vicente de,
Comercio 120, Concepcion
Blanco, Lecaros Felix.....Magallanes
Braun & Blanchard.....Magallanes
Campar, Julian.....Concepcion
Campo, Belisario.....Campolican S/N
De Bruyne, Pedro A.....Magallanes
Elorza, Donato.....Aconcagua
Etcheverry, Alejandro,
Comercio S/N, Concepcion
Figueroa, Carlos A.....Aconcagua
Figueroa, Emeterio.....Aconcagua
Figueroa, Juan de.....Aconcagua
Garcia, L. J. Tomas,
O'Higgins S/N, Concepcion
Hunter & Cia.....Magallanes
Ibieta, Ignacio.....Comercio 79, Concepcion
Infante, Luis A....Comercio 79, Concepcion
Pasturel, Luciano.....Aconcagua
Polanco, Pedro.....Aconcagua
Plate, Teodoro E..Comercio 79, Concepcion
Rivera, Iglesias y Saldivar.....Magallanes
Samit, Juan A.....Aconcagua
Stubenrauch & Cia.....Magallanes
Stuven & Cia.....Magallanes
Yarza, Gregorio.....Aconcagua
Weber & Cia.....Comercio 47, Concepcion
Wahlen & Cia.....Magallanes

AGENCIES OF NATIONAL PRODUCTS.

Cooper & Cia.....Blanco 186, Valparaiso
Cruz & Rios.....Portal Cruz, Concepcion
Delano, Carlos.....Prat 47, Valparaiso
Edwards, Fernando.....Prat 49, Valparaiso
Etcheverry, Alejandro,
Comercio S/N, Concepcion
Fuenzalida y Rudolphy,
Cochrane 82, Valparaiso
Harismedy, B...Comercio 43 A, Concepcion
Hott, Guillermo.....Concepcion
Jones, Osvaldo.....Comercio 45, Concepcion
Inglis, Lomax & Cia.....Prat 47, Valparaiso
Katz, Osvaldo F.....Blanco 280, Valparaiso
Merlet & Cia, E....Prat 102 A, Valparaiso
Oehinger, G.....Cochrane 59, Valparaiso
Rudolphy & Delfin,
Ave. Errazuriz 191, Valparaiso
Sofia, Jose M.....Comercio 21, Concepcion
Tilhmans & Cia.....Blanco 454, Valparaiso
Vallejo & Cia, M.,
Comercio 102 F, Concepcion
Wolf, Carlos E.....Blanco 343, Valparaiso
Weston, Federico,
Ave. Errazuriz 203, Valparaiso

AGENTS (STEAMSHIPS).

Inglis, Lomax & Cia.....Tarapaca
Groothoof & Cia, A.....Tarapaca
Locket, Barros & Cia.....Tarapaca
Petersen, L.....Tarapaca
Ravenalt, Otto.....Tarapaca
Vallebona, A.....Tarapaca

DESPATCHING AGENCIES FOR STEAMERS AND MERCHANDISE.

Maldonado, Jose Ignacio..Prov. de Llanquihue

AGRICULTURAL MACHINE FACTORIES.

Raab Hnos.....Rosas 2867, Santiago
Strickler y Küpfer.....Libertad 53, Santiago

AGRICULTURAL PRODUCE MARKETS.

Calvo, Luis.....Matucana 27, Santiago
Espiñeira y Cia, Juan Ignacio, Mapocho
entre Bandera y Morandé, Santiago
Feria Agricola de Talca.....Talca
Espinosa, Jose M.....Linares
Sotomayor Hnos.....Linares

BANKS.

(Credit and Mortgage.)

Banco Aleman Transatlantico,
Oficina Huerfanos 1126, Santiago
Banco de Chile,
Oficina Huerfanos 930, Santiago
Banco de Chile y Alemania,
Herfanos 1096, Santiago

BANKS—Continued.

Banco Español Italiano..Estado 198, Santiago
Banco Chileno Garantizador de Valores, Huerfanos 840, Santiago
Banco Hipotecario de Chile, Huerfanos 833, Santiago
Banco Matte y Cia..Huerfanos 1021, Santiago
Banco Mobiliario....Ahumada 235, Santiago
Banco Popular.....Agustinas 997, Santiago
Banco Santiago.....Ahumada 198, Santiago
Banco Tarapaca y Argentino Ldo, Huerfanos 858, Santiago
Caja Hipotecaria...Huerfanos 1210, Santiago
Banco Aleman Transatlantico....Concepcion
Banco de Chile.....Concepcion
Banco de Chile y Alemania.....Concepcion
Banco de Concepcion.....Concepcion
Banco de Tarapaca y Londres Ldo, Concepcion
Banco Aleman Transatlantico, Oficina Esmeralda 67, Surcursal, Chacabuco 370, Valparaiso
Banco de Chile, Oficino, Prat 44, Surcursal Victoria esquina Merced, Valparaiso
Banco Chile y Alemania..Prat 128, Valparaiso
Banco A. Edwards y Cia, Prat 139, Valparaiso
Banco Español Italiano, Prat esquina Urriola, Valparaiso
Banco Hipotecario de Chile, Prat 107, Valparaiso
Banco Mobiliario.....Prat 33, Valparaiso
Banco Santiago.....Prat 143, Valparaiso
Banco Tarapaca y Argentina, Limitado, Prat 112, Valparaiso
Banco Mercantil.....Tacna
Banco de Tacna.....Tacna
Aleman Transatlantico Chile.....Tarapaca
Internacional .....Tarapaca
Tarapaca y Argentina.....Tarapaca
Banco de Chile (Agent, Alejo Gumpertz), Province of Valdivia
Banco Aleman Transatlantic (Agent, Otto Elvanger) Province of Valdivia

BASKET FACTORIES.

Fernandez, R. Federico, Ave. Latorre 3869, Santiago
Reich, R. Federico, Ave. Latorre 3786, Santiago
Wiegand y Cia, Cochrane 26 y Blanco 24, Valparaiso

BEDSTEAD FACTORIES (IRON).

Olguin, Antonio.....Maipu 265, Valparaiso
Vargas, J. de D.....Prieto 54, Valparaiso
Berrios, Jose.....Galvez 837, Santiago
Caceres, Delfin.....Cochrane 456, Santiago
Cariola, Miguel.....Santiago
English Bedstead y Cia, Ave. Matta 3023, Santiago
Planas y Busquets..San Diego 113, Santiago
Ross, B. Felipe....San Pablo 1850, Santiago
Valscacchi, Luis....San Diego 230, Santiago
Verdier, Rene....San Antonio 180, Santiago

BEVERAGES (MANUFACTORIES).

Compañia Cervecerias Unidas, Huerfanos 2951, Santiago
Ebner, Andres..Independencia 545, Santiago
Fallet, Victor.....Carrion 1971, Santiago
Horstmann, Federico, Esperanza 1247, Santiago
Llamazares, F. Juan, Ave. del Rosario 1055, Santiago
Passaud, Juan.....Santa Rosa 539, Santiago
Passig, Enrique.....Purisima 218, Santiago
Saint Agne Santiago...Rosas 3101, Santiago
Frezza, Miguel.....San Diego 775, Santiago
Anwandter Hnos, H..Salas 66 A, Concepcion
Keller, V. y C..Ave. P. Valdivia, Concepcion
Lalanne Hnos.....Carrera, Concepcion

BICYCLE FACTORIES.

Copetta Hnos.....San Martin 70, Santiago
Tisne, Bertrand.....Delicias 1613, Santiago

BILLIARD TABLE AND ACCESSORIES FACTORY.

Van de Wyngard, Teodoro, Mapocho 3550, Santiago

BISCUIT FACTORIES.

Bascuñan y Cia....Delicias 273, Valparaiso
Capuzzo Hnos....Portales S/N, Valparaiso
Collin, Alfredo.....Maipu 60, Valparaiso
Hueke Hnos, P..Anibal Pinto 45 y Chacabuco S/N, Valparaiso
Urbina Placido.....Victoria 483, Valparaiso
White y Cia....Chacabuco S/N, Valparaiso
Zanetta, Francisco..Victoria 330, Valparaiso
Bravo, Vicente.....M. Montt 2883, Santiago
Cash e Hijos Jorge, B. Guerrero 424, Santiago
Espinosa, Daniel.....A. Prat 701, Santiago
Matts, Jose A.....Moneda 1435, Santiago
Oliveira, Juan Manuel de, S. Diego 1687, Santiago

BISCUIT FACTORIES—Continued.

Peroni, Fernando,
Independencia 1010, Santiago
Ramis, Miguel.....S. Diego 148, Santiago
Mac-Kay, Alejandro.....Talca
Grossetete, Pablo.....Talca
Maurin Hnos.....Concepcion

TIN BOXES (FACTORY).

Cooper, M..Jaime, subida Cerro de las
Monjas 65, Valparaiso

BREWERIES.

Buschmann, Carlos.....Coquimbo
Stemann, Francisco.....Aconcagua
Anwandter Hnos..Chacabuco 48, Valparaiso
Compañia Cervecerias Unidos Limache
Cousino.....Yungay 6 A, Valparaiso
Fuchs, Jorge.....Blanco 78, Valparaiso
Gotuzzo Hnos..Callejon Clave 6, Valparaiso
Dube, Francisco...Chacabuco 86, Valparaiso
Frugone, Pedro..Bustamante 63, Valparaiso
Alvarez, J. Prudencio..Purisima 218, Santiago
Compania Cervecerias Unidas,
Limache y Cousino Providencia y
Huerfanos 295, Santiago
Ebner, Andres..Independencia 545, Santiago
Horstmann, Federico,
Esperanza 1247, Santiago
Passig, Enrique.....Purisima 218, Santiago
Schott, Guillermo.....Colchagua
Bazzolo, Juan.....Curico
Honer, Jacobs.....Curico
Schleyer, Otto.....Talca
Anwandter Hnos..H. Salas 66 A, Concepcion
Keller, V. y C.,
P. Valdivia y Colo-Colo, Concepcion
Lalanne Hnos.....Carrera, Concepcion
K. de v. Oberg Catalina.....Bio-Bio
Anwandter Hnos.....Valdivia
Eimbek, Fernando.....Valdivia
Hettich, Federico.....Valdivia
Roepke Hnos.....Valdivia
Strange, Federico (Suc.).....Llanquihue
Brahm, Cristino.....Llanquihue
Buckle, Augusto.....Llanquihue
Schwerter, Luis.....Llanquihue
Trautmann, Emilio.....Llanquihue

BROOM AND BRUSH FACTORIES.

Bascuñan Hnos.....Teatinos 52, Santiago
Fernandez, Jose M.,
Ave. Latorre 3871, Santiago
Figueroa, Francisco....Sama 1086, Santiago
Figueroa, Juan.....Pinto 1536, Santiago
Garat, P. Carlos....Chacabuco 928, Santiago
Honorato, Cesar....Dardignac 144, Santiago
Lafourcade, Emilio..Chacabuco 255 y
Tajamar 286, Santiago
Neit, Oscar.....A. Prat 1315, Santiago
Ricardo, Evaristo....Delicias 3061, Santiago
Torres, Evaristo...S. Alfonso 261, Santiago
Vera Cruz, Antonio..Vergara 723 y
Presidio Urbano, Santiago

BUILDERS.

Cavieres, Luciano.....Tacna 3545, Santiago
Hermenegildo, Ceppi.Sotomayor 57, Santiago
Cerani, Ceferino.....Fontecilla 68, Santiago
Corminas, Jose.....A. Prat 274, Santiago
Depassier, Custodio...Capitan 133, Santiago
Diaz, Francisco.....Dolores 45, Santiago
Doizo, Leon.....Carmen 265, Santiago
Eggoling, Teodoro..Matucana 520, Santiago
Espinosa, Juan A..S. Francisco 1138, Santiago
Flores, Manuel R.....Cueto 666, Santiago
Gil, Emilio....Doce de Febrero 68, Santiago
Gonzalez, Juan.....Natalien 1891, Santiago
Herrera, Pedro J.,
Cinco de Abril 3815, Santiago
Jones, Augusto.....Echaurren 649, Santiago
Madrid, Jose D.....Davila 1075, Santiago
Martin, Eloy...Ave. Latorre 3427, Santiago
Mendez, Jose F.....Nataniel 1461, Santiago
Miranda, Juan de la C..Carmen 581, Santiago
Miranda, Narciso.....Sazie 2042, Santiago
Molina, Brigido..Arturo Prat 153, Santiago
Montenegro, Jose,
San Francisco 1442, Santiago
Muñoz, Antonio,
Manuel Montt 2470, Santiago
Muñoz, A. Augusto,
S. Francisco 369, Santiago
Norambuena, Francisco,
Ave. Latorre 3433, Santiago
Pardo, Abanasio....Sotomayor 46, Santiago
Perez, Jose T.....Cueto 1034, Santiago
Pirassoli, Orestes.....Rosas 1857, Santiago
Prieto, Carlos M....Moneda 2239, Santiago
Pino, Luis...Martinez de Rosas 2420, Santiago
Prajonk, Ulises.....Esperanza 56, Santiago
Quezada, Benjamin..Sta. Isabel 330, Santiago
Renard, Mariano.....Brasil 39, Santiago
Richard, Fernando....Fonticilla 36, Santiago
Figini, Alberto.....Tacna
Montano y Soto Roque.....Tacna
Sociedad El Porvenir.....Tarapaca
Soler, Sebastian.....Tarapaca
Fernandez Rebolledo, Gumecindo,
Cerro Recreo, Caldera 90, Valparaiso

BUILDERS—Continued.

Alfaro, Rafael.....Gonzalez 10G, Valparaiso
Fuenzalida, Manuel..Maipu 232, Valparaiso
Gavero, C. Facundo,
San Ignacio 104, Valparaiso
Gonzalez, Florencio,
Buenos Aires 36, Valparaiso
Harrington, Ricardo,
Poblacion Esperanza San Juan, Valparaiso
Hernandez, Miguel,
Las Cañas 4 A, Valparaiso
Leo Les Eugenio....San Jose 20, Valparaiso
Maldonado, Aguilera Jose,
Retamo 96, Valparaiso
Maldonado, Jose.....Retamo 96, Valparaiso
Maldonado, Jose Santos,
Victoria 285, Valparaiso
Puyol, David...Buenos Aires 36, Valparaiso
Ramirez, Ramirez Antonio..Cerro Polanco.
Callejon 3, Casa 419, Valparaiso
Weber, Juan.....Miraflores 43, Valparaiso
Acevedo, Jose A...Chacabuco 668, Santiago
Acuña, L. Jose.....Matucana 740, Santiago
Alveal, Luis.....Toesca 2526, Santiago
Ambrosini, G.....Matucana 550, Santiago
Andrade, Jose M..Exposicion 470, Santiago
Arman, Benjamin..San Pablo 2581, Santiago
Baetzner, Carlos.....Sazie 2469, Santiago
Barrera, Carlos..Av. Latorre 3720, Santiago
Belloni, Angel.....Serrano 356, Santiago
Bravo, Jose D.....Domeyko 2505, Santiago
Breitler y Dünner..Bellavista 459, Santiago
Carlucci, Pedro.....Monjitas 583, Santiago
Casaborna, Pedro...Nataniel 1462, Santiago
Riesgrai, Juan F.....Moneda 613, Santiago
Riffand, Pedro,
Almirante Barroso 48, Santiago
Santaelia, Francisco.Sotomayor 87, Santiago
Segovia, Joaquin.....Matucana 37, Santiago
Siloa, Hipolito.....Grajales 2150, Santiago
Solar, Francisco....Benavente 533, Santiago
Sotomayor, Luis.....Sazie 2066, Santiago
Tapia, Fernando,
Manuel Montt 2239, Santiago
Torres, Lisandro....A. Prat 1199, Santiago
Villalobos, Fernando....Andes 68, Santiago

SHOPS FOR THE CONSTRUCTION OF BUILDINGS.

Gütschow y Piza,
Avenida Brasil esquina Rodriguez y Blanco 244, Valparaiso
Ceppi Hnos.....Sotomayor 57, Santiago
Compañia Credito y Construcciones,
Delicias 966, Santiago
Echeverria, C. Ramon,
Sto. Domingo 1716, Santiago
Gil, Emilio...Doce de Febrero 68, Santiago
Labatut, Enrique,
S. Francisco 753, Santiago
Prieto, Carlos M.....Moneda 2241, Santiago
Sobarzo, Carlos .....Bio-Bio
Pidno, Antonio .....Bio-Bio
Cardenas, Isaias .....Valdivia
Siegler y Reimer.....Valdivia

CARPENTER SHOPS.

Berrios, Manuel .....Tacna
Ibarra, Aniceto .....Tacna
Luna, Pablo .....Tacna
Parra, Jose Miguel.....Tacna
Sacco, Carmelo .....Tacna
Albarracin, Isidro .....Tarapaca
Aliaga, Victor M.....Tarapaca
Bertraise, Eduardo .....Tarapaca
Caceres, Pablo .....Tarapaca
Cambusi, Eduardo .....Tarapaca
Espinosa, Carlos .....Tarapaca
Fuentes, Luis .....Tarapaca
Hernandez, Jose I.....Tarapaca
Jimenez, Rafael .....Tarapaca
Bravo, A. Manuel.....Antofagasta
Guzman, Jose .....Antofagasta
Montalva, Francisco .....Antofagasta
Muños y Cia.....Antofagasta
Peralta, Arturo .....Antofagasta
Ronate, Jose .....Antofagasta
Soto, P. Ismael.....Antofagasta
Vergara, Roberto .....Antofagasta
Barzo, Lucas .....Atacama
Castellon, Ruperto .....Atacama
Ibarra, Fernando .....Atacama
Lois, A. Francisco.....Atacama
Vicuna, Emilio .....Atacama
Gajardo, Felix .....Coquimbo
Green, Daniel .....Coquimbo
Jofre, Enrique .....Coquimbo
Miranda, Ovidio .....Coquimbo
Nuñez, Jose .....Coquimbo
Rodriguez, Jose .....Coquimbo
Acevedo, Digno .....Aconcagua
Honore, Manricio .....Aconcagua
Oriasola, Adolfo.....Olivar 41, Valparaiso
Araya, German.....Maipu 130, Valparaiso
Arenas, Desiderio..Las Heras 50, Valparaiso
Arredondo, F.....Hospital 160, Valparaiso
Breedon, Guillermo C. A.,
Tubildad 101, Valparaiso
Beltran, Francisco 2d,
Victoria 527, Valparaiso

CARPENTER SHOPS—Continued.

Beltran, Francisco....Maipu 21A, Valparaiso
Bravo, R.....Donoso 77B, Valparaiso
Caramiñano, Pascual,
Chacabuco 138A, Valparaiso
Carmichael y Cia. Carampangue 7, Valparaiso
Castro, D. Francisco,
Cerro del Molino S/N, Valparaiso
Ceardi, Salvador..Victoria 279A, Valparaiso
Cifuentes, Fructuoso,
Subida de Santo Domingo 29C, Valparaiso
Cortes, Diparodi Adolfo,
Cerro Polanco Callejon 6, Casa 479, Valparaiso
Coort, A.....G. Bustamonte 81, Valparaiso
Corvalan, J. B.....Victoria 460, Valparaiso
Cubillos Hnos,
Independencia 249A, Valparaiso
Chavez, Wenceslao..Retamo 128, Valparaiso
Daila, Francisco.....Freire 18, Valparaiso
Demeria Hnos.....Victoria 121, Valparaiso
Echeverria, L.....Las Horas 25, Valparaiso
Espinosa, Antonio Jose..Cerro Artilleria
Subida del Deschecho 19H, Valparaiso
Fuenzalida, A....Chacabuco 412, Valparaiso
Galvez, Francisco,
Santo Domingo 30, Valparaiso
Guarda, A..Independencia 377A, Valparaiso
Jelavert, Beltran Francisco,
Maipu 21A, Valparaiso
Johnson, G.,
C. Carcel Cumming 11, Valparaiso
Gomez, Gregorio..Playa Ancha Callejon
del Pallomas S/N, Valparaiso
Guarda, Abarca Andres..Cerro del Moleno
Calle Cuarta 64, Valparaiso
Hernandez, Federico,
Av. Quebrada Verde S/N, Valparaiso
Fernandez, Luis A....Jaime 64C, Valparaiso
Laborde, Urbano.....Maipu 133, Valparaiso
Levetzone, Cristian. San Pedro 13, Valparaiso
Mardones, H.....Victoria 473B, Valparaiso
Marini, Cayetano..Bella-Vista 66, Valparaiso
Masmiguel, Fontbona Joaquin,
Independencia 350, Valparaiso
Melendez, Caballero Manuel,
Lenteno 5, Valparaiso
Meneses, Tobias.....Jaime 172, Valparaiso
Molina, Francisco—Av. Quebrada Verde
S/N Las Cañas 10, Valparaiso
Morales, Mazarga Jose,
Las Cañas 10, Valparaiso
Morales, Juan,
Cerro Yungay 100B, Valparaiso
Moreira, Wenceslao..Carretas 38, Valparaiso
Muñoz, E. Juan de Dios..Cerro Rodriguez
Calle Rodriguez 13, Valparaiso
Mura, Luis.....Olivar 141, Valparaiso
Muñoz, Adelino..Playa Ancha Callejon
del Palomar S/N, Valparaiso
Nally, Carlos G,
Bustamente 62, Valparaiso
Olivares, Olguin Nicanor..Cerro del Molino
Calle Primera 8, Valparaiso
Olson, Juan 2d....Cochrane 229, Valparaiso
Paredes, Justino..Tubildad 156A, Valparaiso
Parga, M. M. G..Cerro y Calle Santo
Domingo 68, Valparaiso
Pereira, Eugenio..Chacabuco 325, Valparaiso
Pibra, E...Matadero Blanco 381, Valparaiso
Plaza, Riesco Gregorio,
Capilla 35, Valparaiso
Ramella, Natalio C...Urriola 17, Valparaiso
Ramirez, Navarro Alfredo..Cerro del
Molino Callejon 7, Casa 19, Valparaiso
Reveco, Espinosa Juan..Cerro del Molino
Calle Derecha 5, Valparaiso
Rojas, Pedro J..Cerro Santo Domingo,
Callejon Mesilla 385, Valparaiso
Segura Araya German,
Maipu 130, Valparaiso
Simencen, Jorge,
San Enrique 28, Valparaiso
Soto, Carmen Carlos...Maipu 206, Valparaiso
Soto, Vega Adolfo..Cerro Santo
Domingo Callejon 4, Casa 11, Valparaiso
Soza, A. Ramon..Las Heras 34A, Valparaiso
Streese, Carlos S....Agustin 38, Valparaiso
Hungria, Joaquin.....Olivar 135, Valparaiso
Urbina, F. J.....S. Donoso 77C, Valpariaso
Valencia, Ladislao Federico,
Urriola pasaje, Casa 4, Valparaiso
Vasquez, Basilio...Hospital 311, Valparaiso
Velasquez, V.....Victoria 270, Valparaiso
Vergara, Manuel.....Aguayo 1, Valparaiso
Vidal, Alarcon Daniel,
Cerro Recreo, Callejon 2, Casa 29, Valparaiso
Videla, F .....Chacabuco 15, Valparaiso
Acuña, Anibal.....Agustinas 724, Santiago
Acuña, Salvador.....Morande 937, Santiago
Alocal, Armando.....Sama 1591, Santiago
Arancibia, Jose.....Capital 545, Santiago
Araya, Jose M...Cintura Sur 2571, Santiago
Arellano, Juan.....Monjitas 358, Santiago
Avaria, Francisco..San Pablo 1721, Santiago
Baeza, Rosa.....Sama 1079, Santiago
Becker, Juan A.....Prat 1030, Santiago
Briceño, Francisco..Agustinas 1540, Santiago
Carrasco, Arturo....Catedral 1478, Santiago

CARPENTER SHOPS—Continued.

Celis, Manuel A.,
Avenida Brasil 452, Santiago
Clement, Alberto...Benavente 861 y
Presidio Urbano, Santiago
Coffano, Enrique...San Isidro 137, Santiago
Corminas, Jose.....Compañia 1308, Santiago
Cortinez y Cia, A.San Antonio 831, Santiago
Cuidad, Wenceslao..Instituto 1241, Santiago
Diaz, Juan J.....Lañartu 1070, Santiago
Donoso, Jose F.,
San Diego 1259 y Penetenciaria, Santiago
Echeverria, C. Ramon,
Santo Domingo 1716, Santiago
Escobar, Rudecindo,
Santo Domingo 497, Santiago
Fabillini, Jose.....Moneda 2424, Santiago
Fernandez, Jose R..San Isidro 397, Santiago
Foure, Teofilo,
Santo Domingo 2810, Santiago
Fuentes, Nicolas.....Cueto 852, Santiago
Gaete, Juan de D..San Pablo 1583, Santiago
Garay, Benjamin.San Ignacio 127, Santiago
Gatica, Jose M.....Ejercito 632, Santiago
Gil, Emelio.....12 de Febrero 68, Santiago
Giordano, Antonio...Riguelme 36, Santiago
Gonzales, Salvador...Moneda 1718, Santiago
Guzman, R. Rufino...Libertad 269, Santiago
Herrera, Evaristo...Compañia 2037, Santiago
Hetrean y Guitrios....Libertad 43, Santiago
Kunst, Gustavo.....Coquimbo 729, Santiago
Lagos, Alfredo.....Ricoleta 417, Santiago
Leiva, Jose M.....Sama 1038, Santiago
Leon, Pedro.....Lañartu 1076, Santiago
Longoni, Pedro.....Delicias 2117, Santiago
Martinez, G. Luis A..A. Prat 1562, Santiago
Martinez, Pablo.....Cochrane 374, Santiago
Mella, Patricio.....Aldunate 1329, Santiago
Mena, Santiago.....Aldunate 1497, Santiago
Meza, Francisco.....Huemul 1422, Santiago
Meza, Lucas.....A. Prat 617, Santiago
Miguel, Casimiro.....Delicias 330, Santiago
Miranda, David.....A. Prat 635, Santiago
Molina, Brigida.....A. Prat 153, Santiago
Molina, Jose....Independencia 422, Santiago
Moraga, Exequiel..San Diego 2235, Santiago
Morales, Ramon.....S. Carlos 883, Santiago
Moreno, Clodomiro...A. Prat 391, Santiago
Müller, German....San Diego 929, Santiago
Muñoz, Enrique.....Lañartu 1046, Santiago
Nuñez, Jose D.....Chacabuco 51, Santiago
Pacheco, Joaquin 2d,
San Alfonso 458, Santiago
Palacios, Ramon..Santa Lucia 148, Santiago
Palmer, Bartolome.....Castro 75, Santiago
Perin, Luis.....Cerro 75, Santiago
Prajonx, Francisco.....Rosas 3044, Santiago
Ramos, Manuel.....A. Ovalle 1528, Santiago
Richard, Fernando..Cienfuegos 33, Santiago
Rüad, Pedro.....Colegio 48, Santiago
Robestron, Guillermo..Carmen 610, Santiago
Rodriguez, Buenaventura,
Agustinas 1725, Santiago
Rodriguez, Julian.....A. Prat 534, Santiago
Rojas, B. Luis.....Echaurren 465, Santiago
Julio, Jose A.....Rosas 1253, Santiago
Ruiz, Miguel E.....Mapocho 786, Santiago
Salas, Manuel.....A. Prat 637, Santiago
Salinas, Maximiliano,
10 de Julio 865, Santiago
Saul, Carlos.....Libertad 740, Santiago
Torres, G. Elias.....Moneda 1541, Santiago
Thomann, Walterio...Nataniel 497, Santiago
Venegas, Angel....E. Ramirez 867, Santiago
Vargas, Rosario.....Castro 607, Santiago
Vidal, Francisco.....A. Prat 70, Santiago
Yori, Antonio.....Carmen 169, Santiago
Zola, Andres.....Capital 47, Santiago
Zuñiga, Ismael.....A. Prat 931, Santiago
Grunert, Guillermo.....O'Higgins
Balbiano, Jacinto.....Talca
Yelpi, Antonio.....Talca
Achon, Pedro.....Talca
Soza, Jose Isaias.....Talca
Lagos, Luis .....Nuble
Omegna, Gabriel .....Nuble
Barberis, Benjamin..A. Pinto 82, Concepcion
Becerra, Nicolas,
O'Higgins S/N, Concepcion
Borzoni, Angel.....Las Heras 84, Concepcion
Corvalan, Benjamin...Freire 87, Concepcion
Gardrat, Hipolito,
Lincoyan S/N, Concepcion
Gregorio, Jose de....Maipn 84A, Concepcion
Giolito, Antonio.....Carrera 54, Concepcion
Muñoz, Pedro.....Maipn 15, Concepcion
Ortiz, Tiburcio.....Maipn S/N, Concepcion
Rasegna, Carmelo,
Lincoyan S/N, Concepcion
Rios, Rafael.....Rengo 30B, Concepcion
Salinas, Rosendo I..Serrano 103, Concepcion
Schmidt, Conrado.....Rengo 11, Concepcion
Sencerin, Jose..Hipolito Salas 2, Concepcion
Soto, Isaac.....Tucapel 32, Concepcion
Traverso, Salvador..Rengo 48B, Concepcion
Vergara, Luis....Lincoyan S/N, Concepcion
Villa, Vicente....Lincoyan S/N, Concepcion
Villarroel, J. de Dios....Maipn, Concepcion
Ughetti, J. Angel,
O'Higgins

CARPENTER SHOPS—Continued.

Yañez, Wenceslao,
Comercio 181B, Concepcion
Riquelme, U. Marcelino.....Bio-Bio
Silva, G. Luis.....Bio-Bio
Vejar, J. Manuel.....Bio-Bio
Jara, Felix.....Bio-Bio
Godoy, Jose .....Bio-Bio
Alvarez, Jose S.....Malleco
Larenas, Transito .....Malleco
Riguelme, David .....Malleco
Rodriguez, Juan B.....Malleco
Urrutia, Francisco .....Malleco
Valenzuela, Juan de D.....Malleco
Fuentes, Zenon.....Cautin
Cardenas, Isaias .....Valdivia
Estrada, Juan B.....Valdivia
Hermann, Teodoro .....Valdivia
Henriquez, Adolfo .....Valdivia
Koehler, Enrique .....Valdivia
Scheihing, Gustavo .....Valdivia
Arellano, Francisco .....Magallanes
Benavides, Tomas .....Magallanes
Hielmer, German .....Magallanes
Lope, Isla .....Magallanes
Martinez, Emilio .....Magallanes
Navia, S. Ruperto .....Magallanes
Stiepcevich, Natalio .....Magallanes

CARRIAGE FACTORIES.

Rivas, Arturo.....Vergara 647, Santiago
Silva, L. David.....Monjitas 339, Santiago
Thieme y Liebe.....Miraflores 269, Santiago
Zuniga, Manuel,
Independencia 1717, Santiago
Olivier, Francisco .....Coquimbo
Ponce, F. .....Coquimbo
Valin, I. .....Coquimbo
Abadie, Domingo,
Avenida del Brasil 773, Santiago
Bardeau Hermanos.Agustinas 1920, Santiago
Bravo, Manuel.....Castro 369, Santiago
Congregacion San Vicente,
Conferencia 541, Santiago
Contreras, Nicanot....Vergara 548, Santiago
Couper, Pablo.....Delicias 315, Santiago
Donaire, Ramon....Jotabeche 126, Santiago
Douzet, Dionisio (Sucesion),
Rosas 1836, Santiago
Douzet, Eugenio,
San Antonio 816, Santiago
Fredes y Cia, Nicolas,
E. Escala esquina G. Reyes, Santiago
Gamboa, Manuel.....Moneda 1460, Santiago
Gatica, Eulogio.....Carmen 718, Santiago
Guillen, Manuel....A. Barroso 44, Santiago
Laimuns, Ignacio.....Delicias 2827, Santiago
Lavanchy, Gustavo..Sotomayor 792, Santiago
Ledermann Hermanos,
Delicias 2438, Santiago
Lopez, A. Luis A..San Pablo 2059, Santiago
Mesa Francisco.....Huemul 1422, Santiago
Miranda, Francisco..Maestranza 49, Santiago
Pacheco, Belisario..Matucana 745, Santiago
Pacheco, Joaquin..San Alfonso 426, Santiago
Palmer, Bartolome.....Castro 75, Santiago
Perez, Ramon.....10 de Julio 50, Santiago
Pimstein y Cia
Moises, Libertad 548, Santiago
Puelma, Samuel.....Bilbao 225, Santiago
Ramirez, Jose M....Ecuador 3576, Santiago
Ramirez, Ignacio....Ecuador 3456, Santiago
Renard y Ca, A.....Carmen 765, Santiago
Davison, Guillermo.....Nuble
Singer, Luis .....Nuble
Maestranza, Agricola .....Nuble
Friz, Elizardo,
Paicavi, esquina Comercio, Concepcion
Hermann, Julian.....Rengo 18B, Concepcion
Maeting, Julio.....Carrera 74, Concepcion
Orchar (Sucesion).....Antofagasta
Valin, Irene.....Coquimbo
Klotz, Jose .....Aconcagua
Enrique Baesler & Co.,
116 Calle Chacabuco 118, Valparaiso
Carmona y Bravo....Delicias 26, Valparaiso
Hardie y Cia...12 de Febrero 85, Valparaiso
Raffo Hnos,
Cabriteria Sin Numero, Valparaiso
Steinmeyer, Enrique,
Victoria 374, Valparaiso
Zanritz, Carlos...G. Aldunate 19, Valparaiso
Abadie, Domingo.....Brasil 793, Santiago
Bardean Hnos.....Agustinas 1920, Santiago
Douzet, Dionisio.....Rosas 1036, Santiago
Gamboa, Manel.....Moneda 1460, Santiago
Liejardes v. de Amion Victoria,
Galvez 111, Santiago
Peinsten y Cia.Moises, Libertad 548, Santiago
Rommer, Alejandro...A. Prat 544, Santiago
Taulis, Amador.....Catedral 1853, Santiago
Thieme y Liebe....Miraflores 269, Santiago
Leon, Cox Pedro.....Talca

CARRIAGE (FITMENTS).

Patri e Hijos, J. B.,
Huerfanos 1702, Santiago
Thieme y Liebe....Miraflores 269, Santiago

CLUBS (SOCIAL).

Club Aleman .....Tarapaca
Club Asiatico .....Tarapaca
Club Empleados .....Tarapaca
Club Empleados, Extranjeros.....Tarapaca
Club Español .....Tarapaca
Club Ingles .....Tarapaca
Club Italiano .....Tarapaca
Club Pernano .....Tarapaca
Club Union .....Tarapaca
Albion Club .....Blanco 174, Valparaiso
Centro Español. Victoria 161, Valparaiso
Centro Hipico Ingles....Prat 77, Valparaiso
Centro Italiano,
Independencia 243, Valparaiso
Centro Radical.....Victoria 280, Valparaiso
Circulo Español.....Condell 183, Valparaiso
Circulo Italiano,
Salvador Donoso 73, Valparaiso
Club Aleman.....Blanco 222, Valparaiso
Club Frances.....Condell 117, Valparaiso
Club Germania.....Victoria 19, Valparaiso
Club de la Sociedad Protectora de Empleados .....Condell 126, Valparaiso
Club de la Union.....Blanco 192, Valparaiso
Club Valparaiso.....Condell 87, Valparaiso
Orfeon Frances,
Avenida Brasil 101, Valparaiso
Sociedad Roma ...Victoria 269A, Valparaiso
Centro Español....S. Antonio 361, Santiago
Circulo Español.....Bandera 161, Santiago
Circulo Frances.....Ahumada 350, Santiago
Circulo Oficiales Retirados,
Bandera 63, Santiago
Club Aleman de Canto,
Nataniel 117, Santiago
Club de Ajedrez.....Agustinas 818, Santiago
Club Asiatico.....Bandera 832, Santiago
Club de la Democracia,
Moneda 913, Santiago
Club Democratico Italiano,
Bandera 78, Santiago
Club Hipico de Santiago,
Huerfanos 1175, Santiago
Club Italiano.....Huerfanos 1015, Santiago
Club Radical. ...Moneda 1120, Santiago
Club de Setiembre.....Estado 380, Santiago
Club Social.....Agustinas 913, Santiago
Club de la Union.....Bandera 811, Santiago
Club "Union Comercial,"
Monjitas 850, Santiago
Club Helvetica.....Moneda 948, Santiago
Club Union .....Talca
Centro Español .....Talca
Club Comercio .....Talca
Club Talca .....Talca
Club del Comercio.....Nuble
Club Nuble .....Nuble
Club Radical .....Nuble
Club Aleman,
Anibal Pinto esquinas Cochrane, Concepcion
Centro Español,
Anibal Pinto 46A, Concepcion
Club Concepcion..O'Higgins 50, Concepcion
Circulo Frances...O'Higgins 68, Concepcion
Club Ingles.....Lincoyan 53A, Concepcion
Club Social .....Concepcion
Club Aleman,
Anibal Pinto esquinas Cochrane, Concepcion
Centro Español,
Anibal Pinto 46A, Concepcion
Club Concepcion..O'Higgins 50, Concepcion
Circulo Frances....O'Higgins 68, Concepcion
Club Ingles.....Lincoyan 53A, Concepcion
Club Social .....Concepcion
Club de la Union.....Bio-Bio
Club Central .....Valdivia
Club Union Aleman.....Valdivia
Club de la Union.....Valdivia
Club Aleman .....Valdivia
Braemer, Enrique .....Llanquihue
Hein, Guillermo .....Llanquihue
Club Aleman .....Magallanes
Club Bomberos .....Magallanes
Club Magallanes .....Magallanes
British Association .....Magallanes

CATTLE MARKETS.

Guzman, Rafael,
S. Francisco 2256,Santiago
Izquierdo, Samuel (Sucesion),
Av. Beauchef 997, Santiago
Larrain Bulnes y Ca..Ecuador 3443, Santiago
Holzmann, Fernando .....Curico
Irrarazaval, Alfredo .....Nuble
Zanartu, Jorge .....Nuble

COAL STORES.

Abadie y Amion,
Galvez 111 y Dardignac 554, Santiago
Felin, Ramon.....Libertad 17, Santiago
Saavedra Benard y Ca.,
Delicias 3311, Santiago
Sörhens y Ca.....Mapocho 3411, Santiago
Jones, Osvaldo....Carrera S/N, Concepcion
Mulgrew, Patricio R.,
Av. A. Prat esq. Maipu, Concepcion
Sansot, Luis.....Carrera S/N, Concepcion

COAL (MINERAL IMPORTERS).

Wessel Duval y Cia.....Brasil, Valparaiso
Browan, Alex.....Cochrane 46, Valparaiso
Graham, Rowue y Cia,
Cochrane 54 y Blanco 219, Valparaiso
Saavedra, Benard.....Blanco, Valparaiso

CONSERVE MANUFACTORIES.

Dupre, E.....Jaime S/N, Valparaiso
Humphreys, H...Tubildad 112A, Valparaiso
Gagliardo, Eugenio..S. Diego 1207, Santiago
Terez, Sanchez O.....S. Diego 933, Santiago
Rubio, Nicolas J.....O'Higgins

CONSTRUCTION COMPANIES (OF BUILDINGS AND STEAMSHIPS).

Allende Spanich .....Magallanes
Baglieto Santiago .....Magallanes
Bonacich y Ca.....Magallanes
Boniffetti, Miguel .....Magallanes
Doberti Hnos .....Magallanes
De Vincenzo, Pedro.....Magallanes
Foretich, Natalio .....Magallanes
Gil, Arturo .....Magallanes
Haracich y Cia, Juan.....Magallanes
Marcon, Alejo .....Magallanes
Palma, Ricardo .....Magallanes
Rogolini, Cesar.....Magallanes

COOPERS.

Cordova, Jose L.....Tarapaca
Pasache, Francisco .....Atacama
Figueroa, Telesforo .....Coquimbo
Arcos, Demofilo .....Aconcagua
Arcos, Rafael .....Aconcagua
Gaete, Jose .....Aconcagua
Ducke, Elipio.....Chacabuco 306, Valparaiso
Peña, M. Victoriano,
5 de Abril 34A, Valparaiso
Perntin, Juan.....Tivola 117, Valparaiso
Reyes, Victoriano,
5 de Abril 34, Valparaiso
Aravena, Jovino.....Bilbao 15, Santiago
Araya, M. Eulogia.San Pablo 1441, Santiago
Baillon, Eugenio.....Matucana 887, Santiago
Brito, Agustin...Independencia 944, Santiago
Coleman, Ricardo....Delicias 2368, Santiago
Ibarra, de A. Antonio.Delicias 423, Santiago
Moya, Carlos.....Chacabuco 777, Santiago
Quinperos, Emilio,
Independencia 1244, Santiago
Risso, Carlos.....A. Prat 1110, Santiago
Ruiz, Augusto.....Mapocho 2896, Santiago
Saavedra, Federico.....Root 577, Santiago
Zavala, Ramon .....O'Higgins
Araneda, Manuel J.....O'Higgins
Santibañez, Gregorio .....O'Higgins
Hernandez, Nicomedes .....Curico
Lluellas, Ramon .....Linares
Lluellas, Ramon 2d.....Linares
Strange, Carlos .....Bio-Bio
Figelist, Alberto .....Bio-Bio
Vasquez, Juan F.....Bio-Bio
Manosalva, Juan Miguel.....Bio-Bio
Arena, Santiago .....Bio-Bio
Strange, Enrique .....Llanquihue
Ascencio, Francisco,
Maipu S/N, Concepcion
Valdebenito, Jose M. I.,
Serrano S/N, Concepcion

DAILIES AND PERIODICALS.

La Voz de Acancagua,
Arturo Prat 46, Aconcagua
Chileno (El).....Bandera 537, Santiago
Diario Ilustrado (El),
Agustinas 960, Santiago
Diario Oficial.....Moneda 1455, Santiago
Diario Popular (El)..Bandera 789, Santiago
Ferrocarrib (El).....Bandera 256, Santiago
Ley (La).....Agustinas 867, Santiago
Locomotora (La)..Chacabuco 32F, Santiago
Lunes (Los).....Bandera 419, Santiago
Lunes del Chileno (Los),
Bandera 537, Santiago
El Mercurio,
Compañia esquina, Morande, Santiago
El Porvenir.....Bandera 265, Santiago
El Siglo XX.....Bandera 858, Santiago
La Tarde.....Bandera 419, Santiago
Las Ultimas Noticias de El Mercurio,
Compañia 1214, Santiago
El Pais.....Comercio 119C, Concepcion
El Sur.....Colo-Colo 48, Concepcion

DENTISTS.

Ante, Aurelio .....Tacna
Cartagena, Manuel F.....Tacna
Marambio, Cortes Eduardo.....Tacna
Coz, Ramon F.....Tarapaca
Gandarillas, A.....Tarapaca
Godoy, Simon Alberto.....Tarapaca
Leiva, Atilio C.....Tarapaca
Marambio, Cortes Eduardo.....Tarapaca
Aronas, Leonidas .....Antofagasta
Beytia, Neftalf .....Antofagasta
Ungent, W. H.....Antofagasta
Alonso, M. Vicente.....Coquimbo
Figueroa, V. Enrique.....Coquimbo

DENTISTS—Continued.

Peña y Lillo Severo.....Coquimbo
Barrios, Pedro A.....Aconcagua
Cespedes, Manuel A.....Aconcagua
Guzman, Eulogio .....Aconcagua
Quinlan, Juan .....Aconcagua
Acevedo, Victoriano.....Molina 9, Santiago
Alessandri, Gilberto...Delicias 570, Santiago
Alvarez, Victor.....Recoleta 161, Santiago
Bahamondes, Nestor,
San Francisco 107, Santiago
Barhona, N. Luis..Huerfanos 1573, Santiago
Barandiaran y Luis..Catedral 2489, Santiago
Barra, L. Luis de la..Vergara 157, Santiago
Barra, L. de la.....Moneda 1651, Santiago
Belmar, Gerardo....Domeyko 1755, Santiago
Belloni, Alberto.....Serrano 356, Santiago
Berand, J. Augusto...Nataniel 52, Santiago
Campbell, F. H.....Morande 466, Santiago
Camigo, San Gines Jose,
Catedral 2219, Santiago
Carrasco, Julio A.....Rosas 2217, Santiago
Cerda, Estla.....Olivos 1167, Santiago
Concha, Ricardo.....Serrano 512, Santiago
Concha, Carlos.....Instituto 1341, Santiago
Contreras, Enrique.....Galvez 622, Santiago
Cuevas, Enrique...Amunakegin 15, Santiago
Chacon, Ciriaco.Independencia 905, Santiago
Davis, Enrique.....Monjitas 750, Santiago
Denis, Lay Juan,
Portal Edwards 2778, Santiago
Demorest, I. N.....Catedral 1350, Santiago
Diaz, S. Pedro A....Delicias 3324, Santiago
Duclos, v. de P. E....Morande 312, Santiago
Ezazo, Arturo.....Instituto 1110, Santiago
Egert, Pablo.....Nataniel 224, Santiago
Erbs, Guillermo.....Moneda 1331, Santiago
Ewers, Fernando....Catedral 1432, Santiago
Ferraro, Agustin....S. Pablo 1764, Santiago
Ferrari, C. Juan....S. Antonio 840, Santiago
Fleischmann, Juan...Moneda 590, Santiago
Fuentealba, Ninfa... S. Diego 29, Santiago
Fuenzalida, Luis.... Delicias 2828, Santiago
Fuenzalida, Santos...Sta. Rosa 550, Santiago
Fuenzalida, M. S...Agustinas 1269, Santiago
Gallardo, G. Rafael...Delicias 1356, Santiago
Gangas, C. Angel.....S. Isidro 223, Santiago
Garcia, Jose G.....Recoleta 442, Santiago
Germano, G. R.... Estado 21, Santiago
Greve, Guillermo...Compañia 1341, Santiago
Guardin, Juan.....S. Antonio 128, Santiago
Guzman, Carlos....Coquimbo 1252, Santiago
Hayden, Carlos.....Catedral 1249, Santiago
Hernandez, Florencio..Delicias 159, Santiago
Herrera, Manuel.....Moneda 1549, Santiago
Huerta, L. Abel....Echaurren 417, Santiago
Huerta, M. Jose M..Echaurren 417, Santiago
Luco, S. Carlos.....Rosas 1377, Santiago
Mandajano, Blas 2d....Puente 731, Santiago
Manhoods, A.....Moneda 1154, Santiago
Manns, B. Eduardo..Catedral 1375, Santiago
Matte, Nemesio.....Capital 68, Santiago
Mendez, Carlos.....Recoleta 710, Santiago
Metzdorff, Luis....Agustinas 1326, Santiago
Middleton, Samuel....Libertad 584, Santiago
Miranda, Juan de la C.,
Esmeralda 726, Santiago
Morong, Juan.....Serrano 131, Santiago
Moreno, Javier.....S. Antonio 74, Santiago
Mujica, V. C.....Claras 690, Santiago
Muñoz, M. Luis A.,
S. Domingo 1352, Santiago
Muñoz, L. Arturo.....A. Prat 251, Santiago
Murphy, Eduardo....Catedral 1985, Santiago
Navarrete, P. Carlos,
Sto. Domingo 662, Santiago
Olivares, M. C.....Claras 368, Santiago
Olivares, Miguel....Av. Matta 725, Santiago
Opazo, Virgilio...B. Guerrero 443, Santiago
Pelliza, C. Luis.....Ahumada 26, Santiago
Perez, C. Ricardo.....Puente 619, Santiago
Perreta y Cia, Antonio,
S. Pablo 1734, Santiago
Peters, Walters.....Claras 491, Santiago
Ponce, Galvarino,
Independencia 819, Santiago
Prieto, Ernesto.....Rosas 1619, Santiago
R. de Ergel, Paulina..Nataniel 224, Santiago
Reszka, Teofilo....S. Antonio 812, Santiago
Rivera, Liborio.....S. Diego 257, Santiago
Riveros, Matias.San Francisco 243, Santiago
Robinson, Carlos...Agustinas 1057, Santiago
Robinson, Luis.....Delicias 1325, Santiago
Romero, Javier.....S. Diego 258, Santiago
Royal, Doctor .....Compañia 2310, Santiago
Saavedra, Jose M....Monjitas 728, Santiago
Saez, C. Daniel.....Rosas 1954, Santiago
Saez, Gregorio..Independencia 327, Santiago
Saez, C. Gregorio....Delicias 239, Santiago
Sanfuentes, Felix.....Moneda 738, Santiago
Saxton, J. Luis.....Catedral 1267, Santiago
Saxton, Oscar.....Catedral 1257, Santiago
Silva, Guillermo N.Huerfanos 1258, Santiago
Star de L., Paulina..Chacabuco 530, Santiago
Tagle, Santiago.....Franklin 1316, Santiago
Toro, G. Bruno.....San Diego 426, Santiago
Toro, C. A.....Agostinas 1684, Santiago
Toro, Ovalle J. C....S. Diego 167, Santiago
Toro, Ovalle Julio Cesar,
Arturo Prat 378, Santiago

DENTISTS—Continued.

Trujillo, M. Luis...B. Guerrero 15, Santiago
Ulloa, Pantaleon.....Riguelme 231, Santiago
Ureta, C. Mariano.....Merced 639, Santiago
Urrutia, Albert.....Carmen 473, Santiago
Urrutia, B. Francisco,
Santa Rosa 84, Santiago
Urzua, Adolfo.....Condor 858, Santiago
Valdivieso, Eduardo,
Santo Domingo 760, Santiago
Vargas, P. Carlos..Compañia 1878, Santiago
Vargas, P. J. Ramon,
Amunategin 249, Santiago
Vasquez, M. Victor M,
Arturo Prat 513, Santiago
Veas, V. Manuel.....Matucana 41, Santiago
Velis, Adrian M.....Montt 2575, Santiago
Venegas, Jose A., 2d..Sta. Rosa 34, Santiago
Villarroel, Pedro.....Chiloe 1564, Santiago
Yates, Guillermo.....Delicias 459, Santiago
Yate, Salvador.....Delicias 878, Santiago
Silva, Muñoz Miguel.....O'Higgins
Labarca, B. Juan.....O'Higgins
Formas, Carlos .....O'Higgins
Correa, Pedro V.....Colchagua
Penailillo, Francisco .....Colchagua
Foriastal, Celia .....Curico
Figueroa, Manuel .....Curico
Roa, Luis .....Curico
Yocornal, Carlos L.....Curico
Gana, Feliu Alberto.....Talca
Rivera, Liborio .....Talca
Guzman, Pedro J.....Talca
Buschmann, Walterio .....Talca
Buschmann, A. J.....Talca
Feliu, Emilio B.....Linares
Rossel, Leonidas .....Linares
Albornoz, Ruperto .....Linares
Bustos, Ruben .....Nuble
Graf, Enrique, 2d.....Nuble
Saez, Carlos .....Nuble
Bahamondes R.,
Bahamondes, R...Comercio 179B, Concepcion
Basualto, Rolando..San Martin esquina
Lincoyan, Concepcion
Day, Guillermo...San Martin 33, Concepcion
Göherin, Julio.....Comercio 204, Concepcion
Inzunza, Miguel...O'Higgins 64, Concepcion
Moreno, Jose Luis.Colo-Colo 49, Concepcion
Saez, Rojelio.....O'Higgins 55, Concepcion
Testus, Fernando..O'Higgins 59, Concepcion
Vergara, Francisco....Angel 37, Concepcion
Pezoa, David .....Bio-Bio
Moreno, Enrique.....Bio-Bio
Altamirano, M. Ricardo.....Bio-Bio
Vergas, Humberto .....Bio-Bio
Garrido, Eduardo .....Malleco
Aracena, Pedro.....Cautin
Velasco, R. Domingo.....Cautin
Briede, Guillermo .....Valdivia
Günckel, Guillermo .....Valdivia
Fryderup, Alberto .....Llanquihue
Mardoens, Maximo .....Magallanes
Salcedo, Severo .....Magallanes

DRY GOODS, IMPORTERS.

Hormann y Cia.....Puente 577, Santiago
Spannuth, Juan.....Monjitas 831, Santiago
Gleisner y Cia.....Comercio 82, Concepcion
Grace y Cia, W. R.,
Comercio Esquina Salas, Concepcion
Hormann y Cia....Comercio 61, Concepcion
Spoerer y Cia, Oscar,
Comercio 160A, Concepcion
Weber y Cia,
O'Higgins esq. Rengo, Concepcion
Beeche, Duval y Cia....Prat 45, Valparaiso
Betteley y Cia.....Blanco 106, Valparaiso
Carriola Hnos.....Blanco 402, Valparaiso
Duncan Fox y Cia...Blanco 144, Valparaiso
Gleisner y Cia.....Blanco 114, Valparaiso
Hengstenberg y Cia,
Avenida Brasil 54, Valparaiso
Hormann y Cia,
Avenida Brasil 36, Valparaiso
Leniosen, J.....Condell 42B, Valparaiso
Rose-Innes y Cia,
Plaza Sotomayor, Valparaiso
Sievers, Thiele.....Blanco 96, Valparaiso
Willshaw Hnos y Cia,
Cochrane 112 y Blanco 179, Valparaiso
Tillmans y Cia..Blanco 454 y Avenida
Errazuriz 295, Valparaiso
Besa y Cia.....21 de Mayo 617, Santiago
Betteley y Cia.....Puente 565, Santiago
Cariola Hnos.Santo Domingo 1066, Santiago
Gleisner y Cia.....Compañia 1050, Santiago
Grace y Cia, W. R.Huerfanos 1075, Santiago
Granello y Vaccaro....Puente 568, Santiago
Gunther y Cia.Santo Domingo 966, Santiago
Hasse y Cia.....Bandera 601, Santiago
Hengstenberg y Cia....Puente 551, Santiago

DRUG STORES.

Camasio Hnos.....Tacna
Parker Idiaquez y Cia.....Tacna
Schmidt, Santiago.....Tacna
Centro Farmaceutico..Recoleta 325, Atacama

DRUG STORES—Continued.

Barquin, Arturo .....Atacama
Garcia, Isidoro.....Atacama
Ocampo Hnos.....Atacama
Rojas, Jacobo.....Atacama
Rojas y Cia.....Atacama
Contreras, Jose.....Coquimbo
Nuñez, C. Luis.....Coquimbo
Perez, I. Marcos.....Coquimbo
Vega, Romulo.....Coquimbo
Hagel, Carlos.....Aconcagua
Latorre, Martin.....Aconcagua
Salas, Manuel, 2d.....Aconcagua
Camasio Hnos .....Tacna
Parker, Idiaguez y Cia.....Tacna
Schmidt, Santiago.....Tacna
Briniswig, Virginia v. de.....Antofagasta
Elbo, Maximo.....Antofagasta
Quirago, Laureano.....Antofagasta
Sarmiento y Cia, Maximo.....Antofagasta
Pommer, Agustin.....Antofagasta
Perez Hnos.....Antofagasta
Barquin, Arturo.....Atacama
Garcia, Isidoro.....Atacama
Ocampo Hnos.....Atacama
Rojas, Jacobo.....Atacama
Rojas y Ca.....Atacama
Contreras, Jose.....Coquimbo
Nuñez, C. Luis.....Coquimbo
Perez, I. Marcos.....Coquimbo
Vega, Romulu .....Coquimbo
Hagel, Carlos .....Aconcagua
Latorre, Martin.....Aconcagua
Salas, Manuel, 2d.....Aconcagua
Arestizabal & Co.,
Santiago y Concepcion, Valparaiso
Alvarez, Enrique....Victoria 348, Valparaiso
Ankelen, Jorge,
Victoria 120 y 252, Valparaiso
Assereti, Antonio.Chacabuco 484, Valparaiso
Bellicia, Felix.....Victoria 540, Valparaiso
Benitez, Elias.....Condell 172, Valparaiso
Bravo, Silva Francisco,
Maipu 222, Valparaiso
Carvallo, E..Independencia 260A, Valparaiso
Castro, Marcelino,
San Francisco 59, Valparaiso
Daube y Cia.....Prat 6, Valparaiso
Eisele, Emilio (Sucesion),
Condell 89, Valparaiso
Eppens, Augusto,
San Martin 22A, Valparaiso
Esquivel, J. A.....Victoria 30C, Valparaiso
Galet, Alfredo.....Victoria 546, Valparaiso
Fuentes, Pantaleon..Victoria 325, Valparaiso
Garcia y Cia.....Victoria 304, Valparaiso
Gonzalez, W.....Chacabuco 224, Valparaiso
Griffiths y Cia.....Esmeralda 54, Valparaiso
Gutierrez, Juan R....Gonzalez 14, Valparaiso
Hochstetter y Cia,
Condell 3 y Victoria 241, Valparaiso
Leon, Eleuterio.....Victoria 258, Valparaiso
Martinez, Juan F...Victoria 403, Valparaiso
Mesa, Elias.....Victoria 457, Valparaiso
Mesa, Jose A.....Maipu 371, Valparaiso
Munnich, G.....Victoria 419, Valparaiso
Muñoz, B.....Cochrane 232, Valparaiso
Ormazabal y Cia....Condell 119, Valparaiso
Osiadacz, L. M,
Plaza Echaurren 30, Valparaiso
Quiroga, D....Independencia 151, Valparaiso
Romero, Perez A.....Yungay 8, Valparaiso
Silva, B. Florencio,
Victoria 396 y Maipu 224, Valparaiso
Soto, Ramon.....Victoria 290, Valparaiso
Fiska, Vicente.....Delicias 269, Valparaiso
Torretti, Clemente...Victoria 248, Valparaiso
Daube y Cia.....Prat 6, Valparaiso
Wiedmaler y Cia.....Blanco 410, Valparaiso
Arestizabal y Cia,
Prat 27, y Cochrane 53, Valparaiso
Souper, Juan de D...Nataniel 398, Santiago
Stribing, Carlos.....Nataniel 309, Santiago
Timmermann (Sucesion),
Compañia 1037, Santiago
Toledo, L. Martin....S. Diego 430, Santiago
Toco, Recaredo.....Maestranza 2, Santiago
Trucios, B. Luis J.,
Av. C. Marte 301, Santiago
Truffi, Pedro.....San Diego 796, Santiago
Ulloa, Aladino.....Delicias 1903, Santiago
Valdivia, Hermogenes,
A. Prat 1401, Santiago
Valenzuela, Guillermo,
San Pablo 2898, Santiago
Valladares, Amelia.....Puente 883, Santiago
Velis, Guillermo...Maestranza 238, Santiago
Velis, Emiliano.....S. Rosa 1042, Santiago
Velasquez, Jose D.....Carmen 481, Santiago
Vial, Daniel E.Delicias 1301 y 2818, Santiago
Villalon, Avelino.....Delicias 3073, Santiago
Villalon, N.....Delicias 2830, Santiago
Villarroel, Elias.Independencia 901, Santiago
Villarroel, Enrique..San Diego 211, Santiago
Zuaznabar, Rafael...Delicias 2475, Santiago
Mesias, Lorenzo.....Puente 561, Santiago
Mitan, Juan.....Estado 218, Santiago
Montecino, Uladislau.Ahumada 323, Santiago

DRUG STORES—Continued.

Montiel, Eduardo C.,
B. Guerrero 442, Santiago
Morel, Gustavo.....Agustinas 2593, Santiago
Moreno, Juan P...Huerfanos 2025, Santiago
Muñoz y Cia.....Delicias 301, Santiago
Muñoz, Hilarion, 2d...Delicias 801, Santiago
Navarrete, de P. Juana,
Portal Edwards 2756, Santiago
Olivares, Gregorio.....Puente 864, Santiago
Orestes, Alberto .....Recoleta 768, Santiago
Orellana, Antonio..Avenida Vicuna
MacKenna esq. 10 de Julio, Santiago
Otero, Miguel.....Merced 401, Santiago
Oyarzun, Rosa.....Delicias 3347, Santiago
Paez, Ruperto.....San Diego 1904, Santiago
Patiño, Prospero...Av. Matta 1082, Santiago
Perez, B. Benjamin.San Pablo 2002, Santiago
Perez, Diego....Independencia 656, Santiago
Perez y Cia, Marcos J.,
Delicias 2830, Santiago
Perez, B. Pablo,
Portal F. Concha 918, Santiago
Perretta, Antonio..San Pablo 1734, Santiago
Ramirez, Ricardo...San Diego 591, Santiago
Reszczynski, Victor....Puente 702, Santiago
Riguelme Hnos.....Puente 864, Santiago
Rogget, Juan.....San Pablo 3296, Santiago
Rojo, Erasmo,
Independencia 189 y 692, Santiago
Rojo, Alberto O.....Recoleta 768, Santiago
Rotter, Oscar.....Brasil 694, Santiago
Saez, Juan G.....Brasil 697, Santiago
Sanchez, Francisco.Maestranza 420, Santiago
Schlegel, v. de G., Ana,
Ahumada 242, Santiago
Sotomayor, J. M.....Catedral 1497, Santiago
Espinosa, Carlos.....Delicias 3177, Santiago
Espinosa, Narciso, 2d,
San Diego 99 y Estado 2, Santiago
Gac Perez, V. Carlos..Recoleta 237, Santiago
Gamboa, Abelardo,
Portal MacClure 405, Santiago
Garcia, Jose D.....Chiloe 1397, Santiago
Garcia e Hijos....San Diego 2050, Santiago
Godoy y Cia Luis.....Estado 261, Santiago
Guarda Hermanos...Dieciocho 702, Santiago
Gutierrez, David...San Diego 949, Santiago
Häberle Hnos.....Delicias 1550, Santiago
Häberle,Eugenio.....Catedral 2202, Santiago
Herrera, H. Manuel...Recoleta 166, Santiago
Hoffmanns, Leopoldo,
Agustinas 1907, Santiago
Imperiali, Carlos.....Rosas 2611, Santiago
Jahnke, Otto.....Ahumada 199, Santiago
Jara, C. Ricardo...San Pablo 2687, Santiago
Kähler, Guillermo..San Diego 603, Santiago
Klein, L. y E.....Huerfanos 1026, Santiago
Lafuente, Santiago.Santa Rosa 302, Santiago
Lagos, Adrian.....Delicias 1102, Santiago
Larenas, Adolfo....Agustinas 1498, Santiago
Le Beuffe, Ernesto.....Estado 154, Santiago
Leon, Eleuterio.....Delicias 2469, Santiago
Lezaeta, Adan.....Delicias 491, Santiago
Lira, Ubaldo....San Francisco 301, Santiago
Lopez, Mercedes...San Diego 1035, Santiago
Luy, Felix.....Maestranza 374, Santiago
Manrigues, Froilan.San Diego 1976, Santiago
Marchant, Abel.....Recoleta 401, Santiago
Matus, Z. Alfredo..Compañia 1691, Santiago
Max, Mengin y Cia..Ahumada 243, Santiago
Merino, Ludovico.....San Diego 1, Santiago
Wegwner y Cia,
Condell Sin Numero, Valparaiso
Zinzani, Luciano.....Condell 113, Valparaiso
Acuña, Guillermo.....La Vega, Santiago
Alcaino, Edesio.....Delicias 2093, Santiago
Aliaga, Luis R..Independencia 395, Santiago
Ampuero, Eleuterio..Delicias 2612, Santiago
Andrade, M. A.....Delicias 2902, Santiago
Andrade, Belisario...S. Diego 428, Santiago
Aranda, Niceforo.....Delicias 601, Santiago
Araya, Santiago...B. Guerrero 664, Santiago
Arestizabal y Cia.....Bandera 527, Santiago
Aris, Manuel J.....Delicias 21, Santiago
Barrientos, Eleodoro....Carmen 51, Santiago
Bentjerodt, Alberto...Delicias 2842, Santiago
Bentjerodt, Teodoro.Catedral 2599, Santiago
Brand, Luis..Portal MacClure 443, Santiago
Burgos, Ramon de la R.,
Delicias 2446, Santiago
Calixto, Eduardo..B. Guerrera 438, Santiago
Calvo, Alberto.....Rio Janeiro 409, Santiago
Castro, Federico,
A. Prat 1096 y Av. Matta 989, Santiago
Celedon, Leon A....S. Pablo 2976, Santiago
Copia, Francisco....S. Pablo 1681, Santiago
Concha, J. Francisco..Delicias 3347, Santiago
Cordero, Juan C.,
Independencia 402, Santiago
Corail, Jose M...Independencia 748, Santiago
Cortes, Fernando.....A. Prat 402, Santiago
Cuadra, v. de V. Rosa,
Nataniel 1001, Santiago
Cueto, C. Jeronimo,
San Pablo 2091, Santiago
Chapuzzeau, Carlos.....Castro 195, Santiago
Chavez, Jose A.....Recoleta 396, Santiago

DRUG STORES—Continued.

Daube y Cia.....S. Antonio 397, Santiago
Diaz, de la V. Celedonio,
Catedral 1401, Santiago
Diaz, C. Jorge.....Ejercito 390, Santiago
Doggennweiler, Fernando,
Delicias 1001, Santiago
Arestizabal y Cia.....Bandera 523, Santiago
Daube y Cia.....S. Antonio 397, Santiago
Max, Mengin y Cia.Ahumada 243, Santiago
Schering, E.....Catedral 1057, Santiago
Wiedmaler y Cia.....Moneda 938, Santiago
Arestizabal y Cia,
Comercio 103B, Concepcion
Daube y Cia.....Maipu 40, Concepcion
Corominas, Jose Luis.....Colchagua
Rojas, L. David.....Colchagua
Gonzalez, Jose M.....Colchagua
Herrera, Diaz Luis.....Colchagua
Valenzuela, Nicanor.....Colchagua
Krefft, Otto .....O'Higgins
Baros, Abelardo.....O'Higgins
Linzmayer, Carlos.....O'Higgins
Oyarzun, Dalmiro.....O'Higgins
Zuñiga, Moises.....O'Higgins
Acevedo, Juan Bautista.....Curico
Tapia y Cia.....Curico
Huidobro, David.....Curico
Leçaros, Jorge.....Curico
Crespo y Moraga.....Curico
Muñoz, Manuel.....Curico
Gonzalez, Cristobal.....Curico
Vogel, Mauricio.....Talca
Bobadilla, Jenaro.....Talca
Leiva, Bernardo.....Talca
Meyer, Carlos.....Talca
Wagemann, Guillermo (Suc.).....Talca
Castro, Jose B.....Talca
Goma, Jose .....Talca
Trucco, Napoleon .....Maule
Castillo, Pedro.....Maule
Bravo, Gregorio.....Maule
Muñoz, Juan, 2d.....Maule
Anwandter, Jorge.....Nuble
Muñoz, Juan R.....Nuble
Saldias, Ruben .....Nuble
Tarico, Tomas.....Nuble
Uribe y Cia.....Nuble
Mendoza y Cia.....Nuble
Barron y Cia.....Arauco
Andres, Heriberto.....Linares
Bonilla, Natividad.....Linares
Casanueva, Jose D.....Linares
Villagra, Griselda.....Linares
Traucco, Napoleon .....Maule
Castillo, Pedro .....Maule
Bravo, Gregorio .....Maule
Muñoz, Juan, 2d.....Maule
Fodoy, Federico...Comercio 142, Concepcion
Gleisner, Guillermo.Comercio 161, Concepcion
Gonzalez, L. Manuel...Maipu 54, Concepcion
Larraguibel, Amable,
Comercio 181, Concepcion
Lara, Jorge F.....Maipu 37, Concepcion
Mahuzier, Emilio...Comercio 84, Concepcion
Metzdorff, Pablo..Comercio 121, Concepcion
Pauly, Emilio...Comercio S/N, Concepcion
Gomez, v. de G., Adelaida.....Bio-Bio
Edecio, Salgado.....Bio-Bio
Luarte, David.....Bio-Bio
Calderon, Francisco.....Malleco
Fuentes, Pablo A.....Malleco
Muñoz, P. Antonio.....Malleco
Olivares, C. Evencio.....Malleco
Anwandter Hnos.....Valdivia
Noelke, Carlos.....Valdivia
Marchall, Leon.....Magallanes
Neumann, Ricardo.....Magallanes
Wagner, Ricardo.....Magallanes
Barriga, Guillermo .....Cautin
Ferrari y Soto .....Cautin
Rugel, Roberto .....Cautin
Doggenweiler, Fernando .....Llanquihue
Doggenweiler, Jose.....Llanquihue
Trautmann, Fernando .....Chiloe
Oyarzun, J. Felipe.....Chiloe

ELECTRICAL FITMENTS.

Greenwood y Hallgarth,
Esmeralda 3, Valparaiso
Saavedra, Benard y Cia,
Condell 42, Valparaiso
Halring, Oswald.....Urriola 6, Valparaiso
Kohn, Luis.....Esmeralda 52, Valparaiso
Kuffre, Luis F.,
Cochrane 115 y Serrano 51, Valparaiso
Chilian Electric Tramway & Light Co., Ltd.,
Estado 239, Santiago
Gleisner y Cia.....Compañia 1060, Santiago
Gonzalez, Vicente.....Merced 486, Santiago
Harris y Cia,R. G..Huerfanos 1066, Santiago
Llorente, Emilio...Huerfanos 1010, Santiago
Reid, Gustavo.....Bandera 510, Santiago
Saavedra, Benard y Cia,
Bandera 455, Santiago
Sanden, A. T.....Estado 223, Santiago
The American Electric Co.,
Pasaje Balmaceda 6, Santiago

ELECTRICAL FITMENTS—Continued.

The Chili Telephone Co., Ltd.,
Galeria S. Carlos 14, Santiago
Gleisner y Cia.....Comercio 82, Concepcion
Saavedra, Benard y Ca,
Comercio esq. Rengo, Concepcion

FOUNDRIES.

Templeman, Ltd.....Antofagasta
Balfour, Lyon y Cia..Cochran 66, Valparaiso
Campbell, R....S. Donoso 89 G, Valparaiso
Carmona y Bravo.....Delicias, Valparaiso
Child y Cia, Juan..Cochrane 164, Valparaiso
Hardie y Cia..12 de Febrero 85, Valparaiso
Hurtado, C.....Yungaiy 43, Valparaiso
Lever, Murphy y Cia,
Caleta Buena S/N, Valparaiso
Morrison y Cia....Chacabuco 39, Valparaiso
Sebona, Teresio.....Canal 24, Valparaiso
Buss, Jerman...Garcia Reyes 2511, Santjago
Gorbeaux, Desiderio..Esperanza 538, Santiago
Keller y Rivano.....A. Prat 692, Santiago
Hemette, Faure y Cia..Teatinos 60, Santiago
Klein, Augusto.....Catedral 1656, Santiago
Klein Hnos.....U. Americana 242, Santiago
Makin, Ciro.....Esperanza 1, Santiago
Otto Hnos.....Antonio Varas 45, Santiago
Paulus, Isidro.....Cienfuegos 59, Santiago
Peña, Jose del C....P. Ugarte 76, Santiago
Ponce de Leon y Cia..Merced 322, Santiago
Puissant, Adolfo....S. Miguel 142, Santiago
Raab Hnos.....Rosas 2987, Santiago
Strickler y Küpfer.....Libertad 53, Santiago
Styler y Cia.....Catedral 3024, Santiago
Fundicion Williams.....Talca
Heyden, Ernesto.....Concepcion
Leopoldo y Miguel I.....Concepcion
Raby y Hunter.....Concepcion
Behrens, Alberto.....Valdivia
Wagner, Adolfo.....Valdivia
Schneider y Devincenzi.....Valdivia

FURNITURE STORES.

Benitez, A. H.....Tarapaca
Gomez Hnos.....Tarapaca
Santich, Esteban.....Tarapaca
Amechazurra, Eugenio,
Tivola 109 A, Valparaiso
Bruhn, German.....Condell 173, Valparaiso
Cumming, Jorge, y Cia,
Esmeralda 93, Valparaiso
Gadina, Carlos.....Serrano 12, Valparaiso
Hidalgo, Francisco..Victoria 279, Valparaiso
Hozven, Adolfo.....Condell 149, Valparaiso
Mazzini, Jose,
General Bustamante 51, Valparaiso
Muzard v de E.....Condell 65, Valparaiso
Nieto, Federico.....Retamo 60, Valparaiso
Orbeta, Francisco...Victoria 187, Valparaiso
Plump y Cia.....Victoria 82 A, Valparaiso
Rizo, Simon.....Victoria 395, Valparaiso
Salgado, Remigio.....Condell 78, Valparaiso
Sertori, Alejandro..Victoria 180 A, Valparaiso
Strappa y Cia.....Victoria 334, Valparaiso
Aristia, Vicente.....Estado 56, Santiago
Atienza, Zacarias....Delicias 1720, Santiago
Baird y Cia, A..San Antonio 355, Santiago
Bravo y Jose.....San Diego 37, Santiago
Bravo, S. Gregorio..S. Antonio 65, Santiago
Bresciani, Eduardo....Moneda 968, Santiago
Bustamente, Eduardo....Estado 82, Santiago
Bustamente, Manuel,
S. Diego 51 y 151, Santiago
Cabrera y Cia, Juan....Estado 17, Santiago
Cabrera, Ramon.....S. Diego 31, Santiago
Calpini y Cia.....Estado 163, Santiago
Camino, Lorenzo.....Estado 7, Santiago
Cariola, Miguel.....Ahumada 96, Santiago
Carvallo, Urbano....Sta Rosa 779, Santiago
Costoya, Andres...21 de Mayo 805, Santiago
Cuendo, Bautista...Esmeralda 826, Santiago
Elliot, Rourke T.....Estado 78, Santiago
Fuentes y Guzman....S. Diego 85, Santiago
Goyoaga y Gonzalez..S. Diego 436, Santiago
Guzman, Eduardo.....Estado 85, Santiago
Hernandez y Peña....A. Prat 199, Santiago
Kappische, Emilio...Catedral 1235, Santiago
Leon, Adolfo.....Estado 43, Santiago
Miranda y Cia.....S. Antonio 250, Santiago
Muñecas, Jose,
Estado 82 y Moneda 926, Santiago
Muñecas y Cia, Jose....Estado 17, Santiago
Muzard viuda de,
Ahumada 153 y Moneda 957, Santiago
Pra y Cia.....Huerfanos 1059, Santiago
Quindos, Bautista...Esmeralda 830, Santiago
Santiago, Manuel de..Estado 70,
San Diego 330 y Merced 823, Santiago
Seckel, Julio.....Estado 317, Santiago
Tabora y Cia, Juan..Estado 17 y 110, Santiago

GAS FACTORIES.

Sociedad Anonima.....Coquimbo
Compañia de Consumidores de Gas,
San Miguel 72, Santiago

GLASS MERCHANTS.

Coquelet, Guillermo.....Tarapaca
Foacarines, Andres de.....Tarapaca

GLASS MERCHANTS—Continued.

Dell' Orto Hnos y Sia,
Angel Estado 149, Santiago
Matteucci y Cia, Luis,
Chacabuco 32 C, Santiago
Moraga, Victorino..Chacabuco 23 B, Santiago
Planas y Buqueto....S. Diego 113, Santiago
Schlack y Cia, Adolfo..Estado 242, Santiago
Seigourel, Pablo.....Delicias 1031, Santiago
Strozzi, Ambrosio.....Estado 54, Santiago
Turbanti, Enrique..S. Pablo 1401, Santiago
Manduches, J.....Tivola 127, Valparaiso
Scheggia y Belgeri..Victoria 99, Valparaiso
Baccolo, Luis.....Comercio 175, Concepcion
Louit, Juan.....Comercio 62 A, Concepcion
Muagiavachi, Emilio,
Comercio 1446, Concepcion

GROCERS.

Abarco, Lorenzo.....Iquique
Adarme, Maria L. v, de.....Iquique
Agustinovich, Lucas.....Iquique
Almendares, Agustin.....Iquique
Altavich Hnos.....Iquique
Alvarado, Bartolome.....Iquique
Anasco, Jose.....Iquique
Andrevello, Cesar.....Iquique
Ansaldo, Victor.....Iquique
Arcich, Agustin.....Iquique
Arcich, Jose.....Iquique
Argueros, Juan.....Iquique
Avila, Juan.....Iquique
Auguoni, Francisco.....Iquique
Azon, Chol Jose.....Iquique
Andrade, Antonio.....Tacna
Arestizabal y Cia.....Bandera 523, Santiago
Agullo Hnos y Cia....Monjitas 885, Saniago
Araya e Hijos, Roberto,
Monjitas 861, Santiago
Arestizabal y Cia.....Bandera 523, Santiago
Albertalli, Pedro.....Delicias 7, Santiago
Abello y Cia.....Galvez 801, Santiago
Agiiero, Pastoriza..Ave. Matta 789, Santiago
Albertini, Juan..Independencia 701, Santiago
Aalcaide, Manuel M....Mont 2780, Santiago
Aicaide Sucesion..San Pablo 3302, Santiago
Alvarez, Manuel J..San Diego 302, Santiago
Andricoli, Jose.....Maestranza 48, Santiago
Arbea, Jose.....Campbell 1, Santiago
Armand, Santiago,
San Pablo 1201 y Nataniel 202, Santiago
Augin, Benjamin,
Moneda 2201 y Huerfanos 2297, Santiago
Ahumada, Enrique.....Antofagasta
Aliago y Cia.....Antofagasta
Aguilo Hnos,
Ave. del Brasil 10 y Blanco 409, Valparaiso
Arestizabal y Cia.....Prat 27, Valparaiso
Allaria, Santiago..Victoria 411 A, Valparaiso
Antilio, Juan.....Maipu 15, Valparaiso
Aste, Nicolas..Independencia 283, Valparaiso
Airola, Gregorio.....Maipu 91, Valparaiso
Alto, Francisco..San Martin 10, Valparaiso
Alvarez, Soto Francisco,
Avenida Portales 70, Valparaiso
Amigo Victor M.,
Cerro Bella Vista, poniente, 76, Valparaiso
Ampuero, Jose D..Jimenez S/N, Valparaiso
Andrade, M. Eugenio,
Cerro Larrain, Calle 1, Sasa 35, Valparaiso
Angiolini, Juan.....Maipu 219, Valparaiso
Arancibia, Artemio..Cerro Santo Domingo,
Calle 4, Casa 27, Valparaiso
Arratia, J. Carlos..Cerro Larrain,
Calle 1, Casa 20, Valparaiso
Aste, Manuel..San Martin 32 A, Valparaiso
Astes, Nicolas,
Cerro Y Calle Rodriguez 25, Valparaiso
Astes, Victor,
Cerro Larrain, Santa Justina 16, Valparaiso
Astes, P. Victor..Cerro Larrain,
Santa Justina S/N, Valparaiso
Astes, Victorio..Cerro Larrain,
Santa Justina 8, Valparaiso
Amador, Rosendo.....Los Andes
Aracena, Jose.....Los Andes
Araya, Juan.....Los Andes
Astorga, Carmen.....Los Andes
Aresti Hnos.....Los Andes
Abata, Manuel....San Diego 1148, Santiago
Abrigo, Juana R.....Rosas 2595, Santiago
Abuin, Marcelino.....Andes 3596, Santiago
Acevedo, Amador,
Juan Vicuña 1449, Santiago
Acuña, Francisco.....Nataniel 168, Santiago
Acuña, Nilo.....10 de Julio 1341, Santiago
Agiiero v de J., Pastoriza,
Av. Matta 791, Santiago
Aguilera, Amador.....Lastra 1603, Santiago
Aguilera, Enriqueta..San Isidro 263, Santiago
Aguirre, Domingo.....Lastra 1381, Santiago
Aguirre, Mascimo..Santa Rosa 233, Santiago
Ahumado, Dolores A....Prat 1593, Santiago
Albornoz, Clodomiro,
Miraflores 610, Santiago
Albornoz, Isidro.....Atacama 3101, Santiago
Alegre, Francisco...Instituto 1140, Santiago
Alfaro, Juana.....Marusi 850, Santiago

GROCERS—Continued.

Aliaga, Ignacio.....Rivera 1506, Santiago
Aliaga, Vicente S....Ignacio 1107, Santiago
Aliste, Emilia..San Francisco 591, Santiago
Almazan, Jose del C.,
San Pablo 2808, Santiago
Alpe, Fileberto.....Sama 1201, Santiago
Alonso, Manuel..San Antonio 418, Santiago
Alvarado, Manuel B..Guerrero 803, Santiago
Alvarez, Abel...Av. Cumming 996, Santiago
Alvarez, Cayetano...Moneda 2796, Santiago
Allendes, Estanislao,
Conferencia 1408, Santiago
Allendes, Jose S....Mapocho 3190, Santiago
Andrade v de M. Ursala,
Nataniel 796, Santiago
Andreani, Fernando..Moneda 2596, Santiago
Aninat, Arturo.....Libertad 102, Santiago
Anegui, Jose T.....S. Diego 2222, Santiago
Ansaldo, Juan.....Nataniel 402, Santiago
Aracena, Jose T.....Escanilla 502, Santiago
Aracena, Tomas.....Rivera 1803, Santiago
Arancibia, Eleodoro...Bandera 761, Santiago
Arancibia, Froilan...Mapocho 3362, Santiago
Araneda, v de S. Luisa,
Santa Isabel 338, Santiago
Aranguiz, Celia.....Errazuriz 802, Santiago
Aravena, Filomena..San Diego 1117, Santiago
Aravena, Rosa.....Sama 1195, Santiago
Ardichi, Juan .....Andes 3143, Santiago
Arsen, Eugenio....Maestranza 591, Santiago
Arenas, Javier.....Grajales 2503, Santiago
Armeta, Vicente.....A. Prat 651, Santiago
Aros, Vicente.....San Pablo 2834, Santiago
Arzon, Alejandro..M. de Rozas 3301, Santiago
Arredondo, Blas. .S. Diego 1196, Santiago
Arsieta, Ramon. M. de Rozas 3503, Santiago
Astudillo, Arsenio...Cochrane 956, Santiago
Astudillo, Jose..Independencia 396, Santiago
Aubello, Antonio....Chacabuco 18, Santiago
Auda, Angel.....Mapocho 1601, Santiago
Avendaño, Carlos...Esperanza 901, Santiago
Avendaño, Emilio.....Riquelme 63, Santiago
Avila, v de R. Anastasia,
S. Alfonso 690, Santiago
Avila, Manuel.....10 de Julio 472, Santiago
Azocar Hnos.....S. Diego 229, Santiago
Bacovich, Antonio.....Antofagasto
Bacovich, Miguel.....Antofagasto
Barros, Jeronimo.....Antofagasto
Beros, Antonio.....Antofagasto
Bahre, Enrique,
Cochrane 72, y Blanco 209, Valparaiso
Besa y Cia,
Blanco 249, y Cochrane, Valparaiso
Biancardi, Esteban..Cochrane 189, Valparaiso
Burgos, Adolfo.....Yungay 20, Valparaiso
Bacigalupe, Luis.Pasaje Santiago, Valparaiso
Balenti, B. Silva..Santa Elena 4, Valparaiso
Ballo, Luis. ..San Francisco 171, Valparaiso
Ballaro, Jose....Santa Elena 130, Valparaiso
Barbagelata, Juan B.,
San Martin 96, Valparaiso
Barbagelata, Jose,
San Francisco 34, Valparaiso
Baharo, Jose.....San Agustin 54, Valparaiso
Bartillo, Luis.....Las Canas 14, Valparaiso
Barrera, Jacinto...Chacabuco 500, Valparaiso
Belemmi, Antonio...Castillo 104, Valparaiso
Benedicto, Manuel,
San Francisco 115, Valparaiso
Bernardi, Angel.....Portales 101, Valparaiso
Bernardi, Manuel...Gonzalez 106, Valparaiso
Bocarro, Juan.....Yungay 211A, Valparaiso
Boero, Francisco,
San Enrique 24, Valparaiso
Bongiovanni, Juan...Porcuro 150, Valparaiso
Borgues, Francisco..Gonzalez 10, Valparaiso
Botto, Victorio.....Cochrane 199, Valparaiso
Buzoni, Nicolas.....San Jose 77, Valparaiso
Buriga, Jose J.....Los Andes
Bonelle, Domingo.....Los Andes
Bacigalupo Hnos.....Iquique
Barbagelata, Carlos.....Iquique
Barbagelata, Domingo.....Iquique
Bardi, Luis.....Iquique
Barethela, Jeroaimo.....Iquique
Baricich, Jorge.....Iquique
Barreda, Marcial.....Iquique
Behansi, Agustin.....Iquique
Belloni, Ursula.....Iquique
Beretta, Jeronimo.....Iquique
Berrios, Clotilde.....Iquique
Bonta, J. B.....Iquique
Brescia, Juan.....Iquique
Bronizza, Mateo.....Iquique
Budrovich, Cayetano.....Iquique
Bahre, Enrique.....Puente 589, Santiago
Besa y Ca.....21 de Mayo 617, Santiago
Bahre, Enrique.....Puente 675, Santiago
Bianchieri, Enrique.21 de Mayo 558, Santiago
Besa y Ca.....21 de Mayo 617, Santiago
Bersano y Roma.....Delicias 3223, Santiago
Benvenutto Hnos.Merced 299 y 497, Santiago
Bersano y Roma.....Delicias 3223, Santiago
Bianchieri, Enrique.21 de Mayo 558, Santiago
Blanchard, Alfredo Portal F.,
Concha 936, Santiago
Blanchard, Scott, y Ca.,
Ahumada 57, Santiago

GROCERS—Continued.

Bonzi Hnos.....Av. Latorre 3401, Santiago
Brondissond, Pedro.....Estado 262, Santiago
Babestrello, Jeronimo,
Aldunate 1002, Santiago
Baitano, Santiago,
Avenida C. de Marte 107, Santiago
Banchiero, Antonio.....Castro 469, Santiago
Barabino, Santiago....Moneda 1501, Santiago
Barahona, Eduardo..Cochrane 395, Santiago
Barnechea, Luis.....Recoleta 693, Santiago
Bassi y Ca.....B. Guerrero 802, Santiago
Beilliza, Juan.....Nataniel 103, Santiago
Benavides, Manuel,
Martinez de Rozas 2196, Santiago
Beretta, Luis....Independencia 894, Santiago
Bermudez, Bernardo.Catedral 1993, Santiago
Bidart, Emilio.....Delicias 1704, Santiago
Biollino, Luis.....Franklin 1357, Santiago
Bonatti, Antonio.....Moneda 1602, Santiago
Bonta, Guillermo ....Recoleta 395, Santiago
Boza, Manuel ....San Pablo 3389, Santiago
Bozzo, Antonio...Arturo Prat 593, Santiago
Bozzo, Anos.....Riquelme 898, Santiago
Bremmer, Maximo..San Pablo 1701, Santiago
Brisolas y Campodonico,
Compania 1504, Santiago
Brunetti, Pedro.....Nataniel 1802, Santiago
Babestrello, Jose.....Lira 505, Santiago
Badal, Modesto.....S. Pablo 4000, Santiago
Baez, Jose M.....Galvez 1446, Santiago
Baeza, Maria,
Avenida del Rosario 914, Santiago
Bahamondes, Carmen..Tacna 3496, Santiago
Balagna, Juan.....Garcia Reyes 26, Santiago
Baltierra, Orestes Santa Rosa 228, Santiago
Ballesteros, Albino,
Andres Belio 845, Santiago
Bañados, Ernesto....Nataniel 1296, Santiago
Barahona v de I. Leonor,
San Francisco 1994, Santiago
Barthlot, Emilio,
Esperanza 735, y San Alfonso 597, Santiago
Barra, Fernando.... Sotomayor 89, Santiago
Barra, Leon de la.....A. Prat 1837 Santiago
Barra, Leon de la..... Galvez 526, Santiago
Barrera, Celia.....S. Ignacio 1828, Santiago
Barrera, Ismael.....Chiloe 1127, Santiago
Barros, Florindo.S. Francisco 2102, Santiago
Basaez, Agustin.....Aldunate 802, Santiago
Bebilacena, Jose.....S. Diego 1390, Santiago
Becerra, Anastasio.....Chiloe 2048, Santiago
Becerra, Jose P.....S. Diego 796, Santiago
Bendel, Jerman,
Aldunate 709, y Recoleta 201, Santiago
Benavente, Andres.....Merced 291, Santiago
Benelli, Olimpia..Av. Portales 3001, Santiago
Berguño, Gregorio.....Recoleta 94, Santiago
Bernardi, de A. Lucia,
S. Domingo 2902, Santiago
Bertoli, Justo.....Rosas 1202, Santiago
Bertelli, Francisca...Sta. Rosa 275, Santiago
Bertini, Leandro.....Carmen 519, Santiago
Blasco, Josefa....U. Americana 524, Santiago
Bignoni, Jose.....Castro 395, Santiago
Bilbao, Manuel.....Sotomayor 119, Santiago
Biondi, Demostenes,
Independencia 462, Santiago
Biossi, Antonio.....S. Ignacio 669, Santiago
Boca, Carlos.....Cochrane 1801, Santiago
Bolelli, Juan.....S. Francisco 96, Santiago
Bolivar, Jesus....M. de Rozas 3297, Santiago
Bonania, Aguiles.....Davila 984, Santiago
Bonatti, Antonio,
Chacabuco 35A, Santiago
Bonatti y Ferrando...Copiapo 1801, Santiago
Bonavia, Aquiles.....Andes 2591, Santiago
Bonnebas, Mario.....Carmen 97, Santiago
Bonnin, Julio.....S. Pablo 2701, Santiago
Bontta, Luis.....Delicias 626, Santiago
Bontta, Guillermo.....Davila 959, Santiago
Bonzi, Italo. ...B. Guerrero 1198, Santiago
Borghera y Bassi,
Nataniel 1299, y Av. Matta 2750, Santiago
Botta, Luis Mapocho, Esq.,
Libertad, Santiago
Botelli, Felipe.....Libertad 65, Santiago
Bozzo, Agustin.....Agustinas 2395, Santiago
Bozzo, Fortunato.....Ejercita 702, Santiago
Bozzo, Jose.....S. Isidro 601, Santiago
Bozzo, Juan,
C. Henrigues 502, y Sama 1702, Santiago
Brasi, Luis.....S. Pablo 2197, Santiago
Bratti, Cesar.....S. Francisco 798, Santiago
Bravo, Jose.....Esperanza 246, Santiago
Bravo, Manuel J.....Andes 2994, Santiago
Briones, Eusebio....Cochrane 1798, Santiago
Briones, Filomena.....Capital 502, Santiago
Brisone, Antonio.....Delicias 117, Santiago
Brito, Manuel F. S....Vicente 802, Santiago
Bronetto, Pedro.....Carrera 96, Santiago
Bruno, Agustin.....Bulnes 1097, Santiago
Bueras, Miguel.....Vergara 602, Santiago
Bulob, Jacinto .....Sta. Rosa 69, Santiago
Buscarlia, Domingo....Andes 3403, Santiago
Bustamante, Pablo.S. Alfonso 1201, Santiago
Bustos, Pedro.....Moneda 1490, Santiago
Cuellar, Juan.....Antofagasta
Cariola Hnos.....Blanco 402, Valparaiso
Caro y Cia, J.....Blanco 182, Valparaiso

GROCERS—Continued.

Campodonico, Angel A.,
Victoria 373 A, Valparaiso
Canepa, Juan B.,
Independencia 229, Valparaiso
Caneppa, Teresa.....Blanco 99, Valparaiso
Canessa, Jose.....Victoria 477, Valparaiso
Capurro, Constancio..Retamo 74, Valparaiso
Carlos, Bernardo.....Maipu 164, Valparaiso
Cariola Hnos.....Blanco 402, Valparaiso
Cariola, Miguel 2.o.Chacabuco 379, Santiago
Castrouso, Miguel..Chacabuco 126, Santiago
Concha, Enrique...Las Heras 88, Valparaiso
Coste y Bertolo.....Arrayan 44, Valparaiso
Critico, Demetrio....Arrayan 56, Valparaiso
Calderon, Jose E.....Delicias 41, Valparaiso
Caneppa, Jose.....Tapada 21, Valparaiso
Caneppa, P. Jose.....Buin 71, Valparaiso
Caneppa, Santiago,
San Francisco 170, Valparaiso
Canessa, Antonio....Castillo 116, Valparaiso
Canessa, Angel...Chacabuco 128, Valparaiso
Canessa, Agustin...Hospital 137, Valparaiso
Canessa, Jeronimo,
San Francisco 16, Valparaiso
Canessa, Juan.....Villaseca 212, Valparaiso
Canessa, Maximiliano,
Cerro del Molino, Calle 5-15, Valparaiso
Capanegra, Angel..Las Heras 36, Valparaiso
Capanegra, C. Angel..Gonzalez 32, Valparaiso
Capri, Luis.....Carretas 110, Valparaiso
Caprile, Esteban.....Vega 110, Valparaiso
Caprile, C. Esteban..Gonzalez 122, Valparaiso
Castagliola, Tomas....Cajilla 71, Valparaiso
Cotronio, Pedro.....Hospital 31, Valparaiso
Croiletto, Antonio..Cerro y Calle de
Santo Domingo 29, Valparaiso
Croce, Mario.....Chacabuco 457, Valparaiso
Crovetto, Eesarega Antonio,
San Jose 141, Valparaiso
Cuneo, Jose..Cerro Bella Vista,
Oriente 34, Valparaiso
Cuneo, Juan..Cerro Polanco Callejon 13,
Casa 105, Valparaiso
Chamorro, Jesus Maria,
Republica S/N, Valparaiso
Checher, David..Cerro Bella Vista,
Oriente 63, Valparaiso
Chiesa, Jeronimo,
Artilleria-Sierra 18, Valparaiso
Chiraldelli, Jose....Chacabuco 92, Valparaiso
Cesarino, Jose.....Los Andes
Capellan y Pando.....Los Andes
C. de C. Carmen.....Iquique
Cabello, Amalia B.....Iquique
Calicaya, Celdo.....Iquique
Canales, Juan.....Iquique
Canessa, Miguel.....Iquique
Canepa y Cia.....Iquique
Capeciale, Miguel.....Iquique
Capella Hnos.....Iquique
Capelli, Alfredo.....Iquique
Carancelli, Federico.....Iquique
Carrera, Hilario.....Iquique
Castulovich, Jorge.....Iquique
Castaneto, Ambrosio.....Iquique
Castaneto, Juan.....Iquique
Catoch, Jose M.....Iquique
Chiesso, Fortunato.....Iquique
Chum, Miguel.....Iquique
Clavich, Esteban.....Iquique
Capurro, G. Constancio,
Buin 41 y 63, Valparaiso
Carbone, Manuel,
Cerro Bella Vista, poniente, 94, Valparaiso
Carmenette, Domingo,
San Francisco 42 C y 72, Valparaiso
Cassia, Enrique..San Francisco 82 A
y Cerro Arrayan 310, Valparaiso
Castaneda, Jose..San Francisco 23, Valparaiso
Castagnola, Domingo..Cerro Larrain,
Santa Justina S/N, Valparaiso
Castagneto, Juan..Cerro y Calle de
Santo Domingo 56, Valparaiso
Castro, Martin.....Castillo 72, Valparaiso
Castruccio, Juan..Arranyan 78 y
Talcahuano 29, Valparaiso
Castruch, Santiago..O'Higgins 77, Valparaiso
Castruccio, Miguel,
Chacabuco 188, Valparaiso
Cataldo, Abraham,
Subida Arratia 335, Valparaiso
Catin, Jose.....Arrayan 98, Valparaiso
Cerraveja, Juan....Hospital 215, Valparaiso
Cesare, P. Fortunate..Cerro Polanco,
Callejon 6, Casa 481 B, Valparaiso
Cesareo, Jose....Jimenez 116 N, Valparaiso
Cesarie, C. Juan..Av. Portales 280, Valparaiso
Cicerello, Santiago..Jaime 171 B, Valparaiso
Coda, Enrique...Carampangue 6, Valparaiso
Cosiguani, Nicolas....Urriola 72, Valparaiso
Costa, C. Angel..San Francisco 12, Valparaiso
Costa, C. Agustin,
Santa Elena 190, Valparaiso
Costa, Agusto,
Quebrada Marquez 51, Valparaiso
Costa, D. Juan.....Canal 32, Valparaiso
Costadutta, Victor,
Cerro Yungay 153, Valparaiso
Cliniche, Domingo.....Iquique

GROCERS—Continued.

Contreras, Bartolome.....Iquique
Contreras, Federico.....Iquique
Carea, Primitiva.....Iquique
Cortiella, Salvador.....Iquique
Costa, Vicente.....Iquique
Cumplida, Jose.....Iquique
Cuneo y Casagrande.....Iquique
Cuneo, Silvio.....Iquique
Curatich, Clemente.....Iquique
Canessa, Juan.....Tacna
Cots, Jose.....Tacna
Cravo Hnos.....Tacna
Cariola Hnos....S. Domingo 1066, Santiago
Castagnetto Fratelli..Delicias 1497, Santiago
Castagnetto Fratelli..Delicias 1497, Santiago
Costa, Jose..Puente 690 y
S. Domingo 952, Santiago
Charters y Colvin..S. Domingo 963, Santiago
Cabrera, Vicente.....Riquelme 411, Santiago
Campodonico y Devoto,
S. Domingo 1298, Santiago
Campos, Manuel J.....Puente 448, Santiago
Capurro y Alessandrini,
Delicias 797, Santiago
Cingolani, Juan.....Merced 693, Santiago
Coronata Hnos.....Moneda 1793, Santiago
Casta, Jose S.....Diego 501, Santiago
Cadenasso, Santiago..Copiapo 1491, Santiago
Cafiero, Salvador A.....Prat 1402, Santiago
Caiosi, Francisco...Franklin 801, Santiago
Campodónico, Andres,
Vergara 296, y Salas 330, Santiago
Campodónico y Ca.,
Compañia 1502, Santiago
Campodóico, Victor.Delicias 692, Santiago
Canelo, Delfin.....Recoleta 718, Santiago
Canessa, Jose.....Rosas 1601, Santiago
Cañizar, Saturino,
San Francisco 1002, Santiago
Capurro, Antonio.San Pablo 3191, Santiago
Capurro, Juan.....Padura 760, Santiago
Carochi, Santos..San Pablo 2199, Santiago
Carbone, Francisco.Aldunate 801, Santiago
Castagneto, Agustin,
Echaurren 302, Santiago
Castillo, Rafael.....Galoez 297, Santiago
Cesano, Lorenzo,
Independencia 984, Santiago
Ciani, Facondo,
Avenida del Brasil 99, Santiago
Cinffardi, Luis...Independencia 202, Sanitago
Comotto, Fortunato,
Chacabu 64, Almirante Barroso
893, y Andes 2501..... Santiago
Corrales, Saturnino,
Campañia 1991, Santiago
Costa, Manuel,
Avenida Matta 801, Santiago
Costa v de V., Monica,
San Domingo 396, Santiago
Covarrubins, Pedro.Romero 2955, Santiago
Cozzani, Angel..San Ignacio 902, Santiago
Cozzani, Gregorio..Aldunate 897, Santiago
Crovari, Jorge.....Galvez 1200, Santiago
Crovetto, Manuel..Delicias 299, Santiago
Crovos, Manuel,
Rosas 2105, y San Pablo 2901, Santiago
C. v de Varas, Zoila..Brasil 214, Santiago
Cabanilla, Rosario,
Huerianos 2750, Santiago
Cabello, Pedro C.,
Cochrane 1402, y San Ignacio
1391 ..... Santiago
Cabales, Teodosa.....S. Diego, Santiago
Cafiero, Salvador..San Boria 195, Santiago
Caiozi, Emilio,
Esperanza 1270 y Cochrane 1002, Santiago
Cdaiosi, Francisco..Ejercito 728, Santiago
Cajas, Amador,
Avenida Latorre 3789, Santiago
Calderon, Victor...Aldunate 901, Santiago
Callon, Alfredo.....Bilboa 110, Santiago
Calvi, Francisco.....Nataniel 958, Santiago
Calvo, Jose.....Meiggs 49, Santiago
Calvo, Luz.....M. Prat 1602, Santiago
Campos, Jacinto...Nataniel 1201, Santiago
Campos, J. Rojas,
Santa Rosa 1597, Santiago
Campusano, Antonio,
Buenos Aires 383, Santiago
Camus, Hector.....Porvenir 640, Santiago
Canales, Emelia.....Castro 316, Santiago
Canepa, Jose.....Galvez 471, Santiago
Cano, Gregorio.....Mapocho 2854, Santiago
Cansillieri, Angel,
Catedral 1551, Santiago
Cantello, Teresa.....Sama 1855, Santiago
Cansso, Domingo..Tocornal 601, Santiago
Canas v de G., Luisa,
Echaurren 692, Santiago
Capero, Salvador J..A. Prat 1402, Santiago
Capello, Juan.....Galvez 697, Santiago
Capurro, Felipe,
Santo Domingo 1996, Santiago
Capurro, Francisco,
Rio Janeiro 452 y Padura 789, Santiago
Capurro, Jeronimo,
Dardignac 498 y Santa Rosa 697, Santiago
Capurro, Juan.....Copiapo 2147, Santiago
Capurro, Hnos....Catedral 1551, Santiago

GROCERS—Continued.

Capurro, Tomas Benavente 496, Santiago
Carbono, Francisco,
Andes 2899 y Copiapo 1454, Santiago
Carbono, Juan,
Avenida del Rosario 902 y Lastra 1592..... Santiago
Carbone, Miguel.....Lastra 1511, Santiago
Cartalozzi, Jose....Carreras 596, Santiago
Carlerti S., Jose.....Purisima 1, Santiago
Carmona, Margarita,
San Diego 635, Santiago
Caro, Gorgerino...Moneda 1648, Santiago
Carvacho, Rafael..A. Prat 1155, Santiago
Carvacho, Placido.Covadonga 97, Santiago
Cavajal, Guillermo,
San Francisco 1923, Santiago
Carvajal, Jose J....San Pab 3090, Santiago
Cartone, Francisco..Andes 2789, Santiago
Carrasco, Bernardino,
Molina 674, Santiago
Carrasco, Severo.....Pio IX 62, Santiago
Carrasco, Maria L...Nataniel 962, Santiago
Carrasco B., Mascimo,
Nataniel 604, Santiago
Carrasco v de S., Mercedes,
Mapocho 1806, Santiago
Carrasco, Loila.....Brasil 214, Santiago
Carreño, Juan M...Bellavista 863, Santiago
Carretti, Juan... 5 de Abril 3703, Santiago
Carrizo v de V., Loila,
Avenida Brasil 214, Santiago
Carrosa, Pedro.....Pio IX 76, Santiago
Casanova, Domingo..Galvez 1398, Santiago
Castelli, Carlos...Maestranza 502, Santiago
Castillo, Hermanos..Galvez 297, Santiago
Castillo, Moises....Carreros 540, Santiago
Castillo, N.....San Diego 701, Santiago
Castro, Adelaida,
Independencia 902, Santiago
Castro, Carmen..Exposicion 690, Santiago
Castro, Emilio...Dardignac 199, Santiago
Castro, Fidel..San Francisco 693, Santiago
Castro, Froilan.....Nataniel 477, Santiago
Castro, Juan S.....Huemul 999, Santiago
Castro, Luis.....Moneda 2296, Santiago
Castro, Pedro J.,
Rosal Esquina Tres Montes, Santiago
Castro, Pedro....San Pablo 3491, Santiago
Castro, Loila....Conferencia 390, Santiago
Castalan, Jose.....Rignelme 77, Santiago
Cattain, Pedro....M. Montt 2969, Santiago
Cate, Luis.....Nataniel 694, Santiago
Cavieres, Francisco,
Mapocho 3550, Santiago
Cerai, Reinaldo,
San Francisco 401, Santiago
Cerda, Alejandrino,
Santa Rosa 2197, Santiago
Cerda, Claudio.....Nataniel 998, Santiago
Cerda, Marcos,
Martinez de Rosas 2101, Santiago
Cerreguino, Fortunato,
A. Prat 1899, Santiago
Ceron, Valentin,
Bascuñan Guerroro 801, Santiago
Cerruti D., Antonio..Lastra 1481, Santiago
Cervi, Reinaldo,
San Francisco 401, Santiago
Ciaggio, Pedro.....Chilos 1205, Santiago
Cicarelli, Antonio..Chacabuco 82, Santiago
Cicher Moises. ....Galvez 205, Santiago
Ciuffardi, Vicente....Delicias 302, Santiago
Coello, Adan ...Rosas 3162, Santiago
Comandini, Pedro....Maruri 402, Santiago
Comotto Fortunato,
Sama 1784 y Andes 3724, Santiago
Consiglieri, Angel,
Mapocho 1590 y Catedral 1551, Santiago
Consigliere, Pedro...Picarte 401, Santiago
Contreras v de Z., Pabla,
Aldunate 1015, Santiago
Cordano, Juan.....San Isidro 324, Santiago
Cordera, Wenceslao,
Tajamar 196, Santiago
Cornejo, Carlos..Esmeralda 745, Santiago
Cornejo, Dolores,
Santo Domingo 1796, Santiago
Cornejo, Jose E.....Cueto 88, Santiago
Cornejo, Moises.....Chiloe 1897, Santiago
Costapace, Jose,
Avenida del Rosario 997, Santiago
Cortes, Jose E...S. Ignacio 1497, Santiago
Cortes ve de A., Rosa,
Copiapo 1797, Santiago
Cortes, Rosa.....Ejercito 796, Santiago
Corvalan, Aurora.....Chiloe 1900, Santiago
Corvalan, Elvira....Victoria 1027, Santiago
Corvalan, Miguel A.,
San Francisco 498, Santiago
Corregio, Jose...Chacabuco 977, Santiago
Correni, Pedro N..San Diego 945, Santiago
Costa, Andres,
Independencia 102, Santiago
Costa, C. Domingo....Serrano 402, Santiago
Costa, Manricio..J. Vicuña 1409, Santiago
Covacich, Luis..B. Guerrero 997, Santiago
Covarrabias, Daniel,
Compañia 2429, Santiago
Crespo, Remigio.....Lira 201, Santiago
Cristi, Alfredo Bilboa....esq., Sasie, Santiago

GROCERS—Continued.

Cristi, Clodomiro..Dardignac 54, Santiago
Cristi, Luis.....Nataniel 934, Santiago
Crovetto, Antonio,
Independencia 352, Santiago
Crovetto, Andres..S. Vicente 304, Santiago
Crovetto, Angel..Eyzaguirre 756, Santiago
Crovetto, Antenio,
Independencia 352, Santiago
Crovetto, Bartolo,
San Francisco 896, Santiago
Crovetto, Bernardo.Cochrane 451, Santiago
Crovetto, Cayetano,
Sta. Monica 1986, Santiago
Crovetto, Felipe....S. Miguel 67, Santiago
Crovetto, Juan.....Lillo 502, Santiago
Crovetto, Luis,
B. Guerrero 499 y Tocornal 497, Santiago
Cruelles, Joaquin.....Molina 302, Santiago
Cruz, Enrique .....Pinto 1291, Santiago
Cuarentoto, Eufemia,
San Pablo 2299, Santiago
Cubillos, Benjamin..Chiloe 1689, Santiago
Cuevas, Clodomiro....Brasil 560, Santiago
Cumplido, Arturo,
San Domingo 3094, Santiago
Cumplido, Rosa,
San Domingo 2842, Santiago
Chacon, Arturo.....Huemul 1190, Santiago
Chamters, Maria Mapocho 1779, Santiago
Chernier, Maria.....Sama 1258, Santiago
Chianterretti, Miguel,
A. Varas 392, Santiago
Chiapella, Federico....Pinto 1703, Santiago
Dubraivisich, Antonio.....Antofagasta
Delpino y Andrade..Cochrane 88, Valparaiso
Duncan Fox y Cia....Blanco 144, Valparaiso
Dalbosa, Jose.....Maipu 217, Valparaiso
Descalzi, Angel...Chacabuco 466, Valparaiso
Delcalzi, Jose.....Delicias 34, Valparaiso
Devenardi, Juan.....Retamo 146, Valparaiso
Devoto, Jose..Independencia 382, Valparaiso
Devoto, B. Juan.....Delicias 395, Valparaiso
Dezerega, Antonio..Las Heras 3, Valparaiso
Dezerega Hnos.....Yungay 38, Valparaiso
Dezerega Hnos.....Yungay 61, Valparaiso
Demaira, C. Angel.....Tivola 32, Valparaiso
Devoto, Jose 20,
Independencia 370, Valparaiso
Devoto, Juan.....c. de Santiago, Valparaiso
Devoto, Juan A.,
Camino de Santiago, Valparaiso
Dezerega, Agustin.Chacabuco 62, Valparaiso
Dobbe, F. Miguel.A. Portales 172, Valparaiso
Ducci, L. Antonio..Castillo 94A, Valparaiso
Daot, Angel. .....Iquique
Denegri, Juan.....Iquique
Denegri, Lorenzo.....Iquique
Depich, Antonio.....Iquique
Dernvich, Jose.....Iquique
Dens, Antonio.....Iquique
Diaz, Santiago. .....Iquique
Dominguez, Francisco.....Iquique
Donoso, Francisco .....Iquique
Dong Sing, Carlos.....Iquique
Droguichevich, Juan.....Iquique
Duran, Jacobo.....Iquique
Dondero, Esteban.....Tacna
Delpino y Andrade.S. Domingo 974, Santiago
Dangles, Adolfo.....Ahumada 60, Santiago
Dellacasa, Cayetano.21 de Mayo 838, Santiago
Devoto, Luis.....Claras 199, Santiago
Daldini, Nicolas...Maestranza 201, Santiago
Dapelo, Jose.....Delicias 2198, Santiago
Dapelo, Luis.....Dieciocho 120, Santiago
Delpiano, Ricardo....Delicias 2385, Santiago
Desi, Felipe.....Rosas 2396, Santiago
Devoto, Jose.....Cochrane 1498, Santiago
Diaz, Manuel.....Compañia 1692, Santiago
Donatti, Antonio.....Ejercito 793, Santiago
Donati, Natalio.....Dieciocho 102, Santiago
Droguet, Adeodato..Nataniel 1198, Santiago
Droguet, Miguel,
Avenida Portales 3193, Santiago
Dapasano, Eugenio,
Avenida del Rosario 903, Santiago
Dapuet, Federico.....Andes 2198, Santiago
Davila, Lorenzo....San Pablo 3603, Santiago
Diezo, Daniel.....S. Francisco 1796, Santiago
Devilat, Fernando.....Lastra 1481, Santiago
Devincenci, Juan..Conferencia 302, Santiago
Devoto, Jeronimo.....Serrano 99, Santiago
Devoto, Nicolas.....A. Prat 98, Santiago
Diaz v. de R., Berta,
S. Francisco 1193, Santiago
Diaz, J. de la Cruz....Lastra 1694, Santiago
Diaz, Damiana.....Pinto 1402, Santiago
Diaz, Delfina.....Mapocho 778, Santiago
Diaz, Juan R.....Huemal 1302, Santiago
Diaz, Rosa E.....Chiloe 1701, Santiago
Dinator Nicolas.....A. Prat 92, Santiago
Diottallevis Hector,
S. Francisco 197 y Rivera 1301, Santiago
Donoso, Evangelista,
S. Alfonso 1196, Santiago
Donoso, Maria del C.,
B. Guerrero 342, Santiago
Donoso, Pedro.....Chiloe 1601, Santiago
Droguet, Silverio.....Andes 2097, Santiago
Droullas, Gabriel.....Carrera 597, Santiago

GROCERS—Continued.

Dua, Julia.....Chiloe 1997, Santiago
Duarte, Julio.....Gorbea 2472, Santiago
Dueto de D., Angela..Recoleta 680, Santiago
Duran, Amador.....Rosas 2289, Santiago
Duran, Diego...M. de Rozas, 2238, Santiago
Espinosa, Benigno S. de.....Antofagasta
Espinosa, P. Miguel,
A. Portales 54, Valparaiso
Escudero, Adelaida.....Los Andes
Escobar, Jose 2.o.....Iquique
Espinosa, Nicasio.....Iquique
Estay, Jose 2.o.....Iquique
Escanilla, Diego.....Puente 895, Santiago
Eunetti y Ferguone.San Pablo 3398, Santiago
Echanes, Antenor.Santa Rosa 1471, Santiago
Elgueta, Ventura..Santa Rosa 1997, Santiago
Emanuele, Picio.....Dardignac 42, Santiago
Encina, Juan.....San Pablo 4001, Santiago
Erazo, Elcira....S. Francisco 1601, Santiago
Erazo, Nieves.....Conferencia 590, Santiago
Escalante, Belisario..A. Prat 1194, Santiago
Escalante, Nicanor.San Pablo 2101, Santiago
Escobar, Juan de D..M. Montt 2696, Santiago
Escobar, Rosa.....S. Isidro 702, Santiago
Escudero, Sabino.....Molina 202, Santiago
Espejo, Pufidio.....Purisima 191, Santiago
Espinosa, Aurelia.San Alfonso 144, Santiago
Espinosa, Delfin....Balmaceda 702, Santiago
Espinosa, Felipe..S. Ignacio, 1365, Santiago
Espinosa, Gregorio,
B. Guerrero 1201, Santiago
Espinosa, Jose del C...Chiloe 1485, Santiago
Espinosa, Juan de la C.,
Independencia 294 y 348, Santiago
Estrada, Carmen....Nataniel 1299, Santiago
Evaristi, Pedro.....Nataniel 694, Santiago
Ferro, Sanguinetti y Cia,
Avenida del Brasil 68, Valparaisc
Fonck y Cia, Carlos,
Avenida del Brasil 38, Valparaiso
Falcone, Benito.....Yungay 392, Valparaiso
Figueroa, Urbano..Delicias S/N, Valparaiso
Felugo, Morfina Santiago,
Subida La Palma 30, Valparaiso
Federici, Jose.....Los Andes
Fuentes, Dorotea.....Los Andes
Ferrari y Rocco.....Los Andes
Fabiani, Felix.....Iquique
Fabrega y Cuneo.....Iquique
Fernandez, Florentino.....Iquique
Fraile, Felix.....Iquique
Franck, Enrique.....Iquique
Freses, Francisco.....Iquique
Fuentealba, Pedro.....Iquique
Fuentes, Isabel.....Iquique
Fuentes, Jose.....Iquique
Frula, Atanasio.....Tacna
Falcone, Benito.....Rosas 952, Santiago
Fonck y Cia, Carlos....Puente 571, Santiago
Falcone, Benito.....Rosas 952, Santiago
Farina Hnos.....Rosas 961, Santiago
Fernandez, Felidor.....Puente 849, Santiago
Fernandez del R., Jorge,
Puente 602, Santiago
Ferrera e Hijos, Jose...Puente 796, Santiago
Firmani, Alberto..21 de Mayo 890, Santiago
Fages, Esteban...Tres Montes 403, Santiago
Farias, Elias..Santo Domingo 1701, Santiago
Fasce, Jeronimo.....Recoleta 192, Santiago
Federice, Angel.....Delicias 401, Santiago
Ferluchini, Diomedes...Rosas 2101, Santiago
Ferrando, Jose.....Huerfanos 2616, Santiago
Ferrara, Jose 2.o,
Independencia 1101, Santiago
Ferretti, Victor A.....Prat 999, Santiago
Fontana, Luis A.....Prat 718, Santiago
Fontani, Enrique....San Borja 19, Santiago
Foppiano, Esteban Arturo,
Prat 1398, Santiago
Forch y Petit, B.....Guerrero 99, Santiago
Frigerio, Santiago..Santa Rosa 206, Santiago
Fuenzalida, Francisco.Nataniel 399, Santiago
Führer, Emilio.....Cochrane 896, Santiago
F. de Noges, Mercedes,
S. Pablo 2228, Santiago
F. v. de Ramos, Gregorio,
Mapocho 2590, Santiago
Fabrega, Juan.....Joire 368, Santiago
Fabry, Jose.....Carmen 1090, Santiago
Faconti, Adela...S. Domingo 2597, Santiago
Fajardo, Julio.....S. Diego 2302, Santiago
Fajardo, Matilde.....Galvez 896, Santiago
Fantaguzzi, Enrique,
Agustinas 584 y 603, Santiago
Farch, Alejandro,
Bascuñan Guerro 89, Santiago
Farias, Dionisio...Conferencia 402, Santiago
Farias, Juan de la C....Castro 552, Santiago
Farias, Manuel.....Gay 2548, Santiago
Farisano, Antonio...Benavente 695, Santiago
Fanquet, Ismael.....Nataniel 428, Santiago
Faure, Gustavo.....Chacabuco 47, Santiago
Faye, Leon L.....Sta. Rosa 65, Santiago
Felari, Angela.....Esperanza 1270, Santiago
Feliu, Gregorio.....Cueto 1095, Santiago
Fergunson, Santiago,
Bascunan Guerrero 610, Santiago
Fernandez, Jose M.,
Av. Latorre 3869, Santiago

GROCERS—Continued.

Fernandez, Jose.....Cruz 1391, Santiago
Fernandez, Rodemil....Andes 2869, Santiago
Ferolo, Benito.....Heramnos 395, Santiago
Ferrando, Antonio.....Castro 496, Santiago
Ferrando, Eugenio.Agustinas 2397, Santiago
Ferrando, Eugenio,
Av. Portales 2793, Santiago
Ferrando, Eugenio..y Galvez 296, Santiago
Ferrando y Furis.....Galves 296, Santiago
Ferrari, Juan.....Cochrane 1095, Santiago
Ferrari, Santiago.....Andes 3102, Santiago
Feinani, Alberto...21 de Mayo 890, Santiago
Ferrera, Bartolome.....Puente 796, Santiago
Ferrera, Felipe.....Galvez 460, Santiago
Ferrera, Jose 2.o,
Independencia 1101, Santiago
Ferrera, Juan.....Lillo 502, Santiago
Ferretti, Juan.....Cochrane 1095, Santiago
Fevere, David...Diez de Julio 1497, Santiago
Fevere y Cia, Juan..Cochrane 198, Santiago
Figuera, Francisco.....Sama 1090, Santiago
Figueros, Antonio..Matucana 1078, Santiago
Figueroa, Florinda...P. Lynch 870, Santiago
Figueroa, Francisco...Delicias 285, Santiago
Figueroa, Juan.....Pinto 1512, Santiago
Filiday, Juan.Union Americana 485, Santiago
Flores, Jose A.....Andes 2591, Santiago
Flores, Juan.....Republica 698, Santiago
Folke, Antonio.....Bulnes 737, Santiago
Fonseca, Samuel.....Pinto 1489, Santiago
Forch, Enrique,
Bascuñan Guerruero 1004, Santiago
Formilli, Francisco.....Sama 1090, Santiago
Formo, Vicente..San Vicente 895, Socorro
3101 y Conferencia 600, Santiago
Fouret, Gustavo.....Chacabuco 47, Santiago
Fabrasili, Jenaro....San Isidro 502, Santiago
Frachia, Luis..Maipu esq, Compañia, Santiago
Fraga, Miguel..San Francisco 967, Santiago
Fredes, Desiderio,
Avenida del Rosario 797, Santiago
Fredes, Rosario....Cochrane 1294, Santiago
Fredes, Toribio.....Aldunate 1006, Santiago
Frich, Cristian,
Avenida Portales 3102, Santiago
Fuentes, Florencio.....Galvez 503, Santiago
Fernandez, Emilio.San Pablo 2106, Santiago
Gabrovich, Lucas.....Antofagasta
Garajulich, Angel.....Antofagasta
Garajulich, Juan.....Antofagasta
Glasinovich Hnos.....Antofagasta
Goldro, Francisco.....Antofagasta
Gunther y Cia..Avenida del Brazil 66
y Blanco 465, Valparaiso
Gallardo, Bonifacio.....Los Andes
Guaita Hnos.....Los Andes
Garay y Arrechaga.....Los Andes
Gonzalez, Jose.....Los Andes
Gallardo, Manuel A.....Iquique
Gallardo, Tomas.....Iquique
Garasino, Domingo.....Iquique
Garcia, Blas.....Iquique
Garcia, Juan.....Iquique
Garcia, Miguel.....Iquique
Gargano, Alfonso.....Iquique
Gargullo, David.....Iquique
Garrido, Rosendo.....Iquique
Gatica, Pedro.....Iquique
Giovo, Orlando.....Iquique
Godeevich, Elias.....Iquique
Gomez, A. Jose Maria.....Iquique
Gonzalez, Marcos A.....Iquique
Gonzalez, Tomas.....Iquique
Gonzalez, Rosa.....Iquique
Gopevich, Elias.....Iquique
Gordano, Salvador.....Iquique
Galvez, Juan de la C..Galvez 1485, Santiago
Gallardo, Jose..San Francisco 1398, Santiago
Gallozzi, Francisco.....Galves 165, Santiago
Gallegos, Demofila....A. Prat 1796, Santiago
Gambon, Juan...Avenida viel 1885, Santiago
Gambon, Tomas.....Huemul 1667, Santiago
Gandolfi, Hercules.San Pablo 2363, Santiago
Garay, Jose.....Castro 235, Santiago
Garces, Carlos.....Lopez 795, Santiago
Garate, Jose del C.....Carmen 282, Santiago
Garay, Daniel.....Sotomayor 1006, Santiago
Garcia, Fidel....San Francisco 597, Santiago
Garcia, Manuel,
San Ignacio 1970 y Galvez 997, Santiago
Garcia, Margarita.... A. Varas 91 Sanitago
Garcia, B. Pedro.....Recoleta 528, Santiago
Garz, Remigio.....Sazie 2393, Santiago
Garrie, Julio.....Moneda 2501, Santiago
Gatti, Felipe.....Serrano 401, Santiago
Gay, Juan.....Estado 126, Santiago
Gueroni, Luisa.....Nataniel 997, Santiago
Giaconi, Antonio,
Independencia 902, Santiago
Giagnoni, Juan.....Merced 711, Santiago
Gianichieri, Romildo,
San Pablo 2188, Santiago
Giaverini, Carlos....San Isidro 702, Santiago
Gigaet, Leon.....San Pablo 1235, Santiago
Giordano, Luis....San Pablo 2363, Santiago
Godoy, Antonio.....Libertad 672, Santiago
Gomez, Luis.....Maipu 75, Santiago
Gomez, Felipe.....A. Matta 2961, Santiago
Gomez, Pedro.....Delicias 250, Santiago

GROCERS—Continued.

Gonzalez, Amadoro. Mapocho 2796, Santiago
Gonzalez, Caledonio,
San Martin 1402, Santiago
Gonzalez, Ester.....Huemul 717, Santiago
Gonzalez, Francisco. Matucana 1078, Santiago
Gonzalez, Juan,
San Pablo 1396 y Franklin 1453, Santiago
Gonzalez, Julia...San Alfonso 160, Santiago
Gonzalez, Martin...Benavente 796, Santiago
Gonzalez, Maria.....Salas 301, Santiago
Gonzalez, Mauricio,
Marina de Gaete 835, Santiago
Gonzalez, Pedro.....Huemul 863, Santiago
Gonzalez, Petronila...Colon 1589, Santiago
Gonzalez, Rosa....B. Guerrero 301, Santiago
Gonzalez, Ruperto.....Olivos 802, Santiago
Gorgiosino, Carlos..San Isidro 150, Santiago
Gossani, Angel.....Cochrane 711, Santiago
Grabanichi, N..San Francisco 904, Santiago
Grande, Ana.....Condor 1256, Santiago
Grandon, Eugenio,
San Ignacio 1002, Santiago
Guajardo de A., Rosario,
Maruri 323, Santiago
Guanta, Godefredo..Santa Rosa 99, Santiago
Guerra, Carlos.....A. Prat 906, Santiago
Guerra de C., Filomena,
San Francisco 1598, Santiago
Guerra, Gregorio..Maestransa 698, Santiago
Guerrero, Carmen,
M. de Rosas 3826, Santiago
Guerrero, Custodio....Ricoleta 869, Santiago
Guerrero, Juana..San Francisco 1390, Santiago
Guerrero, Manuel..5 de Abril 3732, Santiago
Gugnet, Leon.....San Pablo 1235, Santiago
Gordonovich, Antonio.....Iquique
Govino, Pedro.....Iquique
Grassi, Clemente.....Iquique
Guire, Pai.....Iquique
Gutierrez, Juan.....Iquique
Guzman, Protasio.....Iquique
Garcia, Policarpo.....Tacna
Gigliotti y Onetti.....Tacna
Girandi, Juan.....Tacna
Garbarini, Angel.....Delicias 3295, Santiago
Granello y Vaccaro.....Puente 664, Santiago
Gunther y Ca.....S. Domingo 966, Santiago
Galletti, Angel.....San Pablo 2003, Santiago
Garbarini, Angel.....Delicias 3295, Santiago
Gardella y Mezzano....Rosas 1995, Santiago
Gellona, Antonio S....Pablo 3191, Santiago
Gellona, Guillermo S...Pablo 2801, Santiago
Gellona, Romualdo,
Independencia 796, Santiago
Gernieri, Antonio....Moneda 1899, Santiago
Giannechiere, Romildo S.,
Pablo 2188, Santiago
Ghirardelli, Juan.....Vergara 190, Santiago
Gomez, Samuel.....Echaurren 697, Santiago
Gonzalez, Cecareo..Echaurren 388, Santiago
Gutierres, Manuel S....Pablo 1501, Santiago
Gabrilli, Hector.....Catedral 1402, Santiago
Gacitua, Godofredo. Santa Rosa 991, Santiago
Gadios, Juan.....Andes 3498, Santiago
Gajardo, Desiderio.....Iquique 14, Santiago
Galarce, Buenaventura. Rivera 1369, Santiago
Galas, Adolfo.....Galvez 912, Santiago
Galicia, Julio.....A. Prat 204, Santiago
Gutierrez, Carmen..Hermanos 301, Santiago
Gutierrez, Clorindo...A. Prat 1802, Santiago
Gutierrez, Jose.....Manzano 801, Santiago
Guzman, Casildo.....Nataniel 1498, Santiago
Guzman, Luis A.....A. Prat 200, Santiago
Guzman, Pedro..Av. Portales 2607, Santiago
Guzman, Primitiva,
M. de Rozas 3388, Santiago
Introvich, Domingo.....Antofagasta
Ivanovich, Simon.....Antofagasta
Idiapacassi, Santiago,
Rodriguez 117, Valparaiso
Inostrosa, Clodomiro. Copiapo 1101, Santiago
Izola, Benito.....Moneda 2491, Santiago
Ibarra, Andres.....S. Ignacio 1502, Santiago
Ilabaco, Desiderio.....S. Diego 972, Santiago
Ibane, Juan.....Castro 84, Santiago
Hengstenberg y Cia.,
Condell 54, Valparaiso
Hormann y Cia.,
Avenida del Brasil 36, Valparaiso
Huth y Cia.....Prat 29, Valparaiso
Herrero, Juan E.....Iquique
Herrero, Marcos.....Iquique
Hong Chong y Cia.....Iquique
Huerta, Augustin.....Iquique
Husap, Enrique.....Iquique
Hasse y Ca.....Bandera 601, Santiago
Hengstenberg y Ca...Puente 551, Santiago
Hormann y Ca.....Puente 577, Santiago
Huth y Ca.....Catedral 1053, Santiago
Hasse y Ca.....Bandera 601, Santiago
Hengstenberg y Ca...Puente 551, Santiago
Hormann y Ca.....Puente 577, Santiago
Huth y Ca.....Catedral 1053, Santiago
Hernandez, Jose del C.,
Avenida viel 1893, Santiago
Hidalgo, Jose A.....Prat 1099, Santiago
Hidalgo y Onet...Compañia 2305, Santiago
Henriquez, Exequiel,
San Diego 1932, Santiago

GROCERS—Continued.

Henriquez, Jose T.....Cerrera 603, Santiago
Henriquez, Tomas....Romero 3037, Santiago
Hermosilla, Pedro..Huemul 1008, Santiago
Herrara, Fabriciano,
Recoleta 1199, Santiago
Herrara, Jose A.....Galan 2645, Santiago
Herrara, Recaredo...A. Pratt 1602, Santiago
Hidolgo, Francisco,
Coquimbo 897, Santiago
Hidalgo, Anel y Ca.,
Avenida Cumming 355, Santiago
Hoursad, G.....Cochrane 821, Santiago
Huelin, Pablo.....S. Pablo 2106, Santiago
Hurtado, Clodomiro,
Moneda 3139, Santiago
Hurtado, Juana....Ecuador 3902, Santiago
Jelich, Antonio.....Iquique
Jeloes, Juan de D.....Iquique
John, Timoteo.....Iquique
Jaime, Valeriano.....Tacna
Juliano, Alfonso.....Delicias 483, Santiago
Jabke, Mascimo .Sotomayor 295, Santiago
Jard, Robustiano...Huemul 1403, Santiago
Jeria, David.....Jabez 1617, Santiago
Jeria, Florindo.....S. Diego 2281, Santiago
John, Juan B.,
U. Americana 301, Santiago
Jimenes, Amelia,
B. Guerreno 597, Santiago
Jimenes, Domitela,
M. de Rozas 3201, Santiago
Jimenes, Luis.....A. Prat 802, Santiago
Jimenes, Manuel....Huemul 902, Santiago
Jimenes, Micaela,
Avenida Beaucheff 801, Santiago
Jimenes, Onoire..Barnschea 351, Santiago
Jimenes, Paschual. Lastra 1486, Santiago
Jimenes, Pedro...O'Higgins 1751, Santiago
Jeoguera, Ester..Chacabuco 1295, Santiago
Jorreggia, Jose...Chacabuco 977, Santiago
Jourdan, Gustavo.....Castro 696, Santiago
Julio, Pascual de..Carreras 296, Santiago
Kejevich, Valentin..... Antofagasta
Klich, Jeronimo..... Antofagasta
Kalafate, Pablo.....Iquique
Kee, Loo.....Iquique
Keimann, Pedro.....Iquique
King Hong.....Iquique
King, Lay Jose.....Iquique
Kola, Juan.....Iquique
Ku, Jon.....Iquique
King, Sam.....Ahumada 147, Santiago
Kunst, Gustavo,
Independencia 294, Santiago
Lamoza de V., Susana,
San Pablo 1698, Santiago
Landini, Galileo... Cochrane 701 Santiago
Landreau, Juan....Moneda 2609, Santiago
Laponi, Jose..... Carmen 255, Santiago
Lansarotti, Luis.....La Vega, Santiago
Lara de C., Adela,
Independencia 457, Santiago
Larracand, Leon,
Santa Rosa 497, Santiago
Larroguete, Julio,
S. Domingo 2497, Santiago
Larronceau, Jose.Santa Rosa 497, Santiago
Lastreto, Luis.....Libertao 696, Santiago
Latanzzi, Humberto,
San Diego 593, Santiago
Latorre, Manuel J...Galvez 1505, Santiago
Laureda, Clodomiro..Carmen 677, Santiago
Lennis, Eloy..M. de Rozas 2102, Santiago
Leon, Francisco H.,
Santa Rosa 2001, Santiago
Leva de J., Maria L.,
B. Guerrero 902, Santiago
Leon, Rosalia.....Cochrane 901, Santiago
Lertosa, Miguel.....Sama 1016, Santiago
Lillo, Hernan.....Rozas 2901, Santiago
Lillo, Ricardo.....Mapocho 2399, Santiago
Lira, Bartolome.....Lastra 1703, Santiago
Lira, Gabriel
Salto 25 y Recoleta 297, Santiago
Lira V., Jose de la C.,
Lastra 1694, Santiago
Lira, Juan.....10 de Julio 40, Santiago
Lira, Nicanor..San Francisco 702, Santiago
Lynch, Jose.....Lastra 1304, Santiago
Lodo, Juan B. .....Sama 1097, Santiago
Lopehandia, Miguel.....Lira 199, Santiago
Lopez, Ramon J .....Antofagasta
Lucksie, Domingo .....Antofagasta
Lagos, Marsse David.Retamo 127, Valparaiso
Lanere, Andres.....Victoria 469, Valparaiso
Leon y Cia.....Victoria 390R, Valparaiso
Lanzarotti, Juan.....Los Andes
Lantrisco, Nicolas.....Iquique
Lei, Won.....Iquique
Leon, Manuel.....Iquique
Leon, Pedro.....Iquique
Leoncinio, Angel.....Iquique
Lopecich, Marcos.....Iquique
Lunco, Cayetano.....Iquique
Luneo, Gayetano.....Iquique
Lombardi, Carlos.....Tacna
Lopez e Hijo, Andres,
21 de Mayo 880, Santiago
Lopez, Francisco..21 de Mayo 850, Santiago

GROCERS—Continued.

L. v de Latorre, Gumecinda,
Estado 217, Santiago
Labbe y Ca., Juan de D. Molina 498, Santiago
Lima y Lesevich.....Moneda 1702, Santiago
Lisoni y Ca., Octavio...Delicias 2, Santiago
Lisoni, Santos,
Exposicion 30 y Campbell 15, Santiago
Luvaschi, Jose.....Delicias 402, Santiago
L. de Larroquett, Margarita,
Rozas 2499, Santiago
Labarca, Custodio...S. Diego 1801, Santiago
Labatut, Margarita,
S. Domingo 2489, Santiago
Lacere, Antonio.....Chiloe 1802, Santiago
Lagos, Anselmo.....Padura 495, Santiago
Lagos, Ernesto.....Exposicion 228, Santiago
La Luz, Benito.....Carmen 467, Santiago
Lamoza, Elias.....S. Pablo 1298, Santiago
Lopez, Clarisa.....Matucana 67, Santiago
Lopez, Dolores.....Sotomayor 301, Santiago
Lopez, Eloisa.....Matucana 77, Santiago
Lopez, Enrique.....Salto 55, Santiago
Lopez, Eugenio.....Purisima 361, Santiago
Lopez, Gumecindo.....Lastra 1298, Santiago
Lopez, Jose M.....Mapocho 954, Santiago
Lopez, Jose C.....Vicuña 1436, Santiago
Lopez, Jose.....Mesias 291, Santiago
Lopez, Manuel,
Castro 227 y Nataniel 911, Santiago
Lopez, Mariano.....Moneda 2602, Santiago
Lopez, Santiago.....Pinto 1702, Santiago
Lopez, Tolesforo.....Maruri 202, Santiago
Lopez, Vicente.....Av. Matta 796, Santiago
Lorca, Herminio.....S. Diego 122, Santiago
Lorca, Luisa R.....Huemul 1597, Santiago
Loyola, Wenceslao.....Salto 50, Santiago
Lucero, Virginia.....S. Diego 1696, Santiago
Luchetti, Leopoldo,
Bascuñan Guerrero 399, Santiago
Luchetti, Pedro J. Av. Latorre 3416, Santiago
Lupeyre, Joël.....S. Pablo 2301, Santiago
Luvaschi, Eduardo....Delicias 397, Santiago
Luso, Antonio,
S. Diego 782 y Sta. Rosa 593, Santiago
Lusoro, Diego.....Dolores 291, Santiago
Lusoro, Jose.....Molina 498, Santiago
Lusoro, Juan.....Dolores 78, Santiago
Lynch, Jose.....Picarte 296, Santiago
Maturana, Ramon.....Sama 1595, Santiago
Matus, Jose.....Chacabuco 568, Santiago
Medina, Nicolas...San Ignacio 820, Santiago
Melendes, Manuel.....Chiloe 2096, Santiago
Mella, Esteban.....Carreras 488, Santiago
Mendez, Ladislao. M. de Rozas 2098, Santiago
Meneses, Eleodoro..Esposicion 302, Santiago
Meneses, Manuel.....Castro 314, Santiago
Meneses, Jose,
Martinez de Rozas 2602, Santiago
Meneses, Tomas.....Capital 771, Santiago
Menki, Oscar.....S. Pablo 1463, Santiago
Menendez, Manuel,
Independencia 1253, Santiago
Menoletti, Matias,
Av. Vicuna, Mackenna 697, Santiago
Mendiano, Francisco....Castro 292, Santiago
Mesa, Arturo.....Castro 464, Santiago
Mesa, Luis.....Molina 388, Santiago
Mesa Pantaleon.....Serrano 702, Santiago
Mestres, Abelardo,
S. Francisco 1899, Santiago
Meyer, Filepe.....S. Pablo 1701, Santiago
Meynardo, Julio. Av. Portales 3011, Santiago
Mezzano, Marcelo,
Huerfanos 2036 y 2376, Santiago
Messano Hnos.....Hermanos 197, Santiago
Micheli, Lorenzo...Maestranza 302, Santiago
Migone, Enrique.....Galves 1101, Santiago
Migone, Jose,
Benavente 598 y Chacabuco 49A, Santiago
Migone, Luis,
S. Francisco 794 y Galvez 1395, Santiago
Migone, Moises...Rio Janeiro 402, Santiago
Martinez, Benjamin..Sta. Rosa 270, Santiago
Martinez, Domingo. Sta. Rosa 1234, Santiago
Martinez, Emilio..Echazarreta 594, Santiago
Martinez, Enrique,
U. Americana 602, Santiago
Martinez, Francisco....Molina 602, Santiago
Martinez, Francisca,
M. de Rozas 2694, Santiago
Martinez, Juan.....Colegio 55, Santiago
Martinez, Luis.....Mapocho 2801, Santiago
Martinez, Manuel A. Nataniel 1704, Santiago
Martinez, Mercedes..Mapocho 2818, Santiago
Martinez, Pedro J.,
Av. Latorre 3416, Santiago
Martinez, Recaredo..Recoleta 1001, Santiago
Martinez, Santiago. B. Guerrero 597, Santiago
Martinez, Victor.....Nataniel 485, Santiago
Martos, G. Francisco..Nataniel 399, Santiago
Marroni, Jose.....Benavente 602, Santiago
Marroqui, Andres..Agustinas 2401, Santiago
Masia, Camilo,
Libertad 30 y Cochrane 607, Santiago
Massio, Pascual,
Galves 1002 y S. Francisco 1404, Santiago
Massoli, Juan.....Dominica 304, Santiago
Massone, Francisco,
S. Francisco 1399, Santiago

GROCERS—Continued.

Massone, Juan B.....Romero 2801, Santiago
Massone, Manuel.....Libertad 32, Santiago
Matte de Luna, Manuel,
Exposicion 122, Santiago
Mateluna, Eliseo..Bella Vista 509, Santiago
Maternini, Ciro..San Francisco 350, Santiago
Matto, Juan.....Cruz 1203, Santiago
Martinovich, Esteban.....Antofagasta
Miletta, Miguel.....Antofagasta
Machiavello, Juan, y Cia,
Colon 51, Valparaiso
Machiavello y Valle.Victoria 355, Valparaiso
Martino, Juan B.,
Independencia 327, Valparaiso
Mayo, Juan B.,
General Bustamente 11, Valparaiso
Moltelo. Juan .....Colegio 48, Valparaiso
Montt, Agustin.....Victoria 458, Valparaiso
Morello, Bernardo,
Buenos Aires 44, Valparaiso
Morello, Francisco,
Independencia 258B, Valparaiso
Martinez, Juan.....Los Andes
Martinez, Pedro.....Los Andes
Mignore, Juan.....Los Andes
Molina, Ramon.....Los Andes
Man Vo Ton y Cia.....Iquique
Marangunich, Prospero.....Iquique
Mardones, Manuel.....Iquique
Marincovich, Santiago.....Iquique
Marini, Juan A.....Iquique
Marinzulich, Jose.....Iquique
Martinez, J. Nemoroso.....Iquique
Martinez, Francisco.....Iquique
Maticola, Antonio.....Iquique
Maturich, Roco.....Iquique
Medel, Justo Pastor .....Iquique
Micasich, Francisco.....Iquique
Milos, Nicolas. .....Iquique
Milosevich, Lucas.....Iquique
Miscaini, Armando.....Iquique
Miranda, Fabian.....Iquique
Moca, Juan B.....Iquique
Molina, Enrique.....Iquique
Mayer, Valentin.....Iquique
Montano, Pedro.....Iquique
Monte, Claudio.....Iquique
Montabbia, Andres.....Iquique
Moraleda, Manuela.....Iquique
Mosca, Celestino .....Iquique
Munizaga, Mascima v de.....Iquique
Muñoz, Jose M.....Iquique
Muñoz, Juan.....Iquique
Musek, M.....Iquique
Menchaca y Ca.....S. Diego 158, Santiago
Matta, Santiago..21 de Mayo 822, Santiago
Madariaga y Robles,
Independencia 201, Santiago
Maino, Antonio Cochrane 1496, Santiago
Mardones, Abraham M.,
de Rosas 2901, Santiago
Mascaro, Hnos y Cia,
Independencia 1796, Santiago
Massia, Camilo,
Avnda, Capital 396, Santiago
Massoni, Cayetano,
Maestranza 202, Santiago
Massoni, Juan.....Dardignac 397, Santiago
Massoni, Julio,
Cochrane 778, S. Pablo 2995 y
Prieto 1446..... Santiago
Manno y Fulle.....Mesias 284, Santiago
Mazachiodi, Domingo...Mesias 96, Santiago
Melloni, Angel,
San Francisco 299, Santiago
Monteghisfe, Carlos,
Cochrane 1199, Santiago
Montenegro B., Pedro,
Moneda 1302, Santiago
Monti y Cia., Hipolito,
San Diego 1091, Santiago
Morchi, Luis.....Agustinas 1693, Santiago
Morini, Oreste,
Santo Domingo 602, Santiago
Muzioli, Eugenio,
San Ignacio 289, Santiago
M. de Ruiz, Manuela.Nataniel 601, Santiago
Macanji, Juan.....Davila 838, Santiago
Macarulla, Antonio...Galvez 529, Santiago
Macola, Luis.....Brasil 1095, Santiago
Machiavelo, Bartolome .Lillo 304, Santiago
Madariaga, Andres.Recoleta 1223, Santiago
Madrid, Felipe.....Maestranza 1, Santiago
Madrid, Ismael.....Molina 497, Santiago
Maggio, Jose.....Vergara 501, Santiago
Maldonado, Jose,
Independencia 438, Santiago
Mandujo, Luis.....Galvez 703, Santiago
Mandrioli, Rafael,
M. de Rosas 2359, Santiago
Mangiamarchi, Salvador,
Carmen 694, Santiago
Manzi, Filepo,
Marfinez de Rosas 2489, Santiago
Magueira, Trantsito
Chacabuco 33, Santiago
Maradejo, Antonio,
Conferencia 1208, Santiago
Marceli, Natalio..Santa Rosa 601, Santiago
Marchessi, Antonio..Serrano 591, Santiago

GROCERS—Continued.

Marchessi, Carlos,
Nataniel 402 y A. Prat 2998, Santiago
Marchio, Luis....Agustinas 1693, Santiago
Mardones, Abraham,
Esperanza 918, Santiago
Mardones, Jose M.,
Maestranza 505, Santiago
Mariani, Jose.....Benavente 602, Santiago
Marin, Luis.....Maruri 486, Santiago
Marini, Julio,
Santa Monica 1902, Santiago
Marquez, Andres..Mapocho 2014, Santiago
Martini, Francisco..Cochrane 405, Santiago
Marticorena, Narciso,
Vergara 397 y Moneda 1801, Santiago
Migone, Pablo....San Diego 901, Santiago
Miguel, Francisco..Chacabuco 21, Santiago
Minelli, Domingo,
Almirante Barroso 48, Santiago
Miraldi, Nicolas.....Salas 302, Santiago
Miranda, Guillermo..Recoleta 927, Santiago
Miranda, Samuel,
San Alfonso 302, Santiago
Molina, Julio,
Delicias 2586 y Sasio 2552, Santiago
Molina, Manuel.....Delicias 2701, Santiago
Molina, Maria L.....Olivos 896, Santiago
Molina, Natalio..Huerfanos 1878, Santiago
Mondino B., Arturo.Moneda 1899, Santiago
Money, Francisco,
Maestranza 293, Santiago
Montabono, Saberena,
Libertad 401, Santiago
Montenegro, Carmen,
Marcoleta 421, Santiago
Montenegro, Trinidad,
Chañarcillo 3110, Santiago
Monteghisfe, Carlos....Salas 278, Santiago
Montes, Roberto.Echazarreta 795, Santiago
Moraga, Amadoe....Chiloe 1206, Santiago
Morales, Antonio..San Pablo 3032, Santiago
Morales, Clarisa.....Galvez 801, Santiago
Morales, Clorinda,
Salas 398 y Galvez 801, Santiago
Morales, Flordenia.Cochrane 594, Santiago
Morales, Pedro....S. Pablo 3036, Santiago
Morales, Prudencio,
San Francisco 1001, Santiago
Morales, Prudencio, 20,
M. de Rozas 3201, Santiago
Morchio, Andres.....Carmen 616, Santiago
Morchio O., Antonio..Carmen 55, Santiago
Morello, Federico.Hermanos 302, Santiago
Moreno, Balbino....Recoleta 997, Santiago
Moreno, Alejandro,
Mapocho 1540, Santiago
Moreno, Juan C.,
Diez de Julio 745, Santiago
Moreno, Justo P.,
Caras, esq., Esmeralda, Santiago
Moreno, Oestes..S. Domingo 602, Santiago
Moreno, Primibiva..Nataniel 623, Santiago
Moscoso, Jose del C.,
Nataniel 1398, Santiago
Moya, Demetrio,
S. Pablo 1022, Santiago
Muller, Gustavo.....Sazie 2480, Santiago
Moya, Efrain....Exposicion 195A, Santiago
Mujica, Samuel.....Catedral 2707, Santiago
Munos, Cornelio.....Galan 2701, Santiago
Munos, Nicolas..Maestranza 102, Santiago
Munos, Pablo.....Mapocho 3855, Santiago
Munos, Pedro P...Cochrane 1157, Santiago
Murua v de A.....Carmen 1295, Santiago
Murua, Domingo.....A. Prat 1313, Santiago
Neckelmann, Hnos...Blanco 200, Valparaiso
Navarrete, Vicente..... Iquique
Nespolo, Antonio..... Iquique
Norero, Miguel..... Iquique
Nosiglio, Andres..... Iquique
Nunez, Jose del C..... Iquique
Noziglia, Hnos..... Tacna
Nangeuz, Jesus.....Andes 2101, Santiago
Naranjo, Domingo..Nataniel 1065, Santiago
Nardichi, Juan V.....Andes 3143, Santiago
Navarrete C., Hnos,
Exposicion 230, Santiago
Navarro, Bartolome,
Nataniel 1366, Santiago
Navarro, Clorinda..Tajamar 196, Santiago
Navarro, Jose T.....Juarez 684, Santiago
Navane, Luis.....Huemul 898, Santiago
Neiza, Floridor.....Claras 419, Santiago
Neiva, Manuel...Av. Latorre 3487, Santiago
Norres, Pedro.....S. Pablo 1599, Santiago
Novellino, Francisco,
A. Prat 1391, Santiago
Nuesh, Samuel..Av. Latorre 3593, Santiago
Nuñez, Domitila..Mapocho 3192, Santiago
Nuñez, Fidela.....Carrion 1414, Santiago
Nuñez, Juan....San Ignacio 378, Santiago
Nuñez, Manuel J.,
San Francisco 298, Santiago
Onetto, Nicolas.....Antofagasta
Onetto Miguel,
Cerro Larrain, Calle 3, Casa
27, Valparaiso
Olivo, Juan.....Iquique
Olivari, Fernando..... Iquique
Olivari, Hno..... Iquique

GROCERS—Continued.

Olmos, Francisco..... Iquique
Onetto, Antonio..... Iquique
Onetto, Carlos..... Iquique
Onetto, Luis..... Iquique
Oxley, Enrique..... Iquique
Onetto e Hijo, Luis..... Tacna
Onetto, Domingo..Recoleta 497, Santiago
Onetti, Bernardo...Recoleta 686, Santiago
Opisso y Borghero,
San Pablo 3295, Santiago
Orezzoli, Nicolas,
Santo Domingo 1298, Santiago
Ortiz, Salvador..Sta. Rosa 1116, Santiago
Osorio, Anibal.....Lopez 602, Santiago
Obermito, Carlos.....Galvez 110, Santiago
Oddone, Domingo..Escanilla 585, Santiago
Ojeda, Honorio.....Carmen 659, Santiago
Olave, Isidro.....Chacabuco 405, Santiago
Olea, Eustquio.....Molina 602, Santiago
Olea, Juan de D...Purisima 164, Santiago
Oliva, Exequiel.....Huemul 929, Santiago
Olivares, Margarita,
Av. del Rosario 901, Santiago
Olivares, Virginia....Carmen 57, Santiago
Olivos, Guillermo,
Agustinas 1455, Santiago
Olmos, Jose.....Cochrane 1197, Santiago
Onel v de V., Juana..Nataniel 863, Santiago
Opazo, Fernando.....A. Prat 1697, Santiago
Orellana, Aurora..San Pablo 3401, Santiago
Orellana, Delfina.....Pinto 1501, Santiago
Orellana, Manuel, 20,
Martines de Rosas 2701, Santiago
Orellana, Ramon...Sotomayor 456, Santiago
Ordenes, Raimundo..Dieciacho 695, Santiago
Ortega, Antonio.....Sta. Rosa 192, Santiago
Ortega, Bruno.....Cochrane 1102, Santiago
Ortega, v. de V.,
Evarista Galvez 1398, Santiago
Ossandon, Homero.San Diego 2102, Santiago
Osorio, Rosalio.....Ejercito 602, Santiago
Oyaneder, Antonio..San Ignacio 531, Santiago
Oyarzun, Melquiades.Maestranza 24, Santiago
Papich, Juan.....Antofagasta
Papich, Vicente.....Antofagasta
Perez, Jose M.....Antofagasta
Palma, Luis.....Condell 168, Valparaiso
Parodi, Francisco...Victoria 263, Valparaiso
Patrone, Manuel.....Maipu 377, Valparaiso
Peirano, Andres.....Victoria 441, Valparaiso
Peirano, Santiago,
Independencia 222, Valparaiso
Pelucchi, Ambrosio,
Buenos Aires 72, Valparaiso
Peragallo, Juan,
Independencia 195, Valparaiso
Peragallo, J.,
Plaza Anibal Pinto 3, Valparaiso
Picos, Pedro.....Delicias 351, Valparaiso
Padilla, Paulino.....Los Andes
Panilla, Felipe.....Iquique
Pellerano, Juan.....Iquique
Pellerano, Nicolas.....Iquique
Pendola, Juan.....Iquique
Pendola y Solimano.....Iquique
Perdis, Antonio.....Iquique
Pereira, Luis.....Iquique
Picasso, Cesar.....Iquique
Plaza, Ricardo.....Iquique
Policroni, Antonio.....Iquique
Pom, Manuela.....Iquique
Prado, Crisologo.....Iquique
Pomareda, Modesto.....Tacna
Padlina, Eduardo,
Avenida Portales 2806, Santiago
Pelazzeli, Jose.....Echaurren 196, Santiago
Palma, Manuel J.....Padura 301, Santiago
Palmer y Ripolli.....Copiapo 1354, Santiago
Pinto, Eleodoro.....Gorbea 2557, Santiago
Pinto, Maria de los S.,
A. Varas 97, Santiago
Pinto, Onofre.....S. Isidro 172, Santiago
Pinto, Samuel.....Andes 3435, Santiago
Piña, Antonio.....Nataniel 1145. Santiago
Pizarro, Magarita....Nataniel 801, Santiago
Pizarro, Juan.....Aldunate 1034, Santiago
Pizarro, Manuel....S. Diego 2302, Santiago
Plaza, Carmen.....A. Prat 1590, Santiago
Plaza, Federico.....Copiapo 1424, Santiago
Plaza, Eloisa...Avenida Matta 764, Santiago
Plaza, v. de M. Ines,
S. Francisco 1901, Santiago
Poblete, Antonio....S. Pablo 3006, Santiago
Poblete, Jose M.....Galvez 602, Santiago
Poblete, Manuel.....S. Pablo 1938, Santiago
Podesta, Andres.....S. Diego 2101, Santiago
Pomesano, Juan.....Aldunate 1098, Santiago
Ponso, Ana.....Ecuador 3510, Santiago
Pont, Jose M. del.....Nataniel 781, Santiago
Povif, Leoncio.....S. Alfonso 697, Santiago
Powell, Juan M.....A. Bello 404, Santiago
Pozo, Ercilia.....Maestranza 492, Santiago
Pozo, Filomena.....Copiapo 1901, Santiago
Pozo, Jose.....S. Isidro 601, Santiago
Pracca, Tomas.....S. Diego 236, Santiago
Prado, Jose M.....Delicias 202, Santiago
Prado, Micaela.....Sama 1602, Santiago
Prieto, Sara.....S. Ignacio 1363, Santiago
Pretta, Pedro.....Cerced 298, Santiago

GROCERS—Continued.

Puebla, Jose.....Av. Rosario 904, Santiago
Pulgar, Carlos.....Exposicion 64A, Santiago
Parodi, Benito.....Santa Rosa 106, Santiago
Passalacqua, P. A.....Prat 803, Santiago
Pavez, Pedro M.Avenida Matta 735, Santiago
Pellerano, Juan,
Independencia 502, Santiago
Pendola, Juan.....Ejercito 402, Santiago
Perazio, Emilio.....Rosas 1801, Santiago
Perez, Zorobabel.....Catedral 1562, Santiago
Pico, Agustin.....San Diego 880, Santiago
Ponto, Miguel del....Nataniel 777, Santiago
Porcile, Cayetano..Agustinas 1201, Santiago
Pacheco, Jose M.,
Independencia 192, Santiago
Palacios, Jesus M.,
San Ignacio 1190, Santiago
Palma, Elias,
Martines de Rozas 2001, Santiago
Palma, Zenon,
Bascunan Guerrero 668, Santiago
Pallerolo, Tomas.....Lira 1431, Santiago
Pardo, Manuel.....Galvez 231, Santiago
Paredes, Amador..San Diego 2267, Santiago
Parentiti, Pablo.....A. Prat 803, Santiago
Parodi, Antonio.....Rosas 2899, Santiago
Parra, Magdalena,
Avenida Matta 2985, Santiago
Pasalacqua, Pablo A.,
San Pablo 2096, Santiago
Pasarin, Damian...San Pablo 2958, Santiago
Passi, Fortunato.....Recoleta 191, Santiago
Passi, Luis J.....Chacabuco 615, Santiago
Pastene, Cirilo.....San Ignacio 588, Santiago
Paves, Alejandro.....Galvez 860, Santiago
Paves, Dionisio....Conferencia 540, Santiago
Paz de P. Mercedes,
San Alfonso 130, Santiago
Pecoso, Luisa.....Huerianos 2040, Santiago
Pedimonti, Miguel.....Galves 397, Santiago
Pedregal, Joaquin del,
Aldunate 1402, Santiago
Pedroni, Agustin....S. Pablo 1702, Santiago
Pedroni, Ariodonte.San Pablo 1918, Santiago
Peirano, Juan.....Serrano 596, Santiago
Peixam, Magdalena.S. Martin 1096, Santiago
Pelegrini, Carmelo,
N. de Valdeses 670, Santiago
Pelegrini, Egidio.....Sama 1295, Santiago
Pellini, Pedro.....Galvez 1154, Santiago
Pellona, Remualdo,
Independencia 782, Santiago
Peneo, Luis,
Purisima 101 y Olivos 982, Santiago
Peratti, Juan.....Recoleta 207, Santiago
Peres, Antonio..M. de Rozas 2195, Santiago
Peres, Javiera.....S. Ignacio 901, Santiago
Peres, Lindor.....Pinto 2001, Santiago
Peres, Manuel,
Nataniel 1376 y Sama 1595, Santiago
Peres, v. de C. Micaela,
Nataniel 926, Santiago
Peres, Pedro....M. de Rozas 2101, Santiago
Peres, Prosperina.....Nataniel 873, Santiago
Peres, Rosa.....Cienfuegos 12, Santiago
Peres, de N. Teresa.Mapocho 3002, Santiago
Peretto, Emilio....5 de Abril 3508, Santiago
Perotti, Vicente.....Huemul 1499, Santiago
Perpoux, Victor.....Jofre 370, Santiago
Petelli, Carlos..U. Americana 197, Santiago
Petroni, Agustin.....S. Pablo 1700, Santiago
Peynux, Victor.....Jofre 370, Santiago
Pezoa, Ricardo.....Chiloe 1101, Santiago
Piaggio, Pedro.....Chiloe 1201, Santiago
Piagneri, Lazaro...Av. Matta 3152, Santiago
Picaso, Fortunato,
A. Belli 694 y Lira 54, Santiago
Picon, Enrique.....Carmen 52, Santiago
Pincetti, Manuel....Sta. Rosa 2097, Santiago
Pino, Damian.....Aldunate 1395, Santiago
Pinto, Carlos.....S. Alfonso 588, Santiago
Quinones, Clara L.....Iquique
Queirolo, Juan,
Rozas 2298 y Catedral 2201, Santiago
Queirolo, C.....Huerfanos 1805, Santiago
Quarantolo, Eufemia.S. Pablo 2296, Santiago
Queirolo, Benito....Hermanos 395, Santiago
Queirolo, Santiago,
Echaurren 302 y Huerfanos 1805, Santiago
Queirolo, Victor....S. Pablo 2901, Santiago
Quinteros, Julia.....Aldunate 1901, Santiago
Quinteros, Maximo..San Diego 730, Santiago
Quiroga, Mariano....Nataniel 2103, Santiago
Quiroz, Jose.....S. Diego 2083, Santiago
Quiroz del C.,
Martinez de Rozas 3015, Santiago
Rodnich, Mateo.....Antofagasta
Ramirez, Santiago.....Antofagasta
Rendich, Nicolas.....Antofagasta
Repetto, Lazaro.....Antofagasta
Restovich Sucesion.....Antofagasta
Ratto Hnos.....Cochrane 193, Valparaiso
Real, Manuel.....Arrayan 12, Valparaiso
Repetto, Luis.....Yungay 2, Valparaiso
Riquelme, Tobias...Yungay 48C, Valparaiso
Rossa y Cia.....Marquez 26, Valparaiso
Ramirez, Luis.....Los Andes
Robles, Gregorio.....Los Andes
Retamales, Esteban.....Iquique

GROCERS—Continued.

Reyes, Margarita, Ch. v de.....Iquique
Rios, Jose.....Iquique
Rivera, Jenaro.....Iquique
Rivera, Pedro.....Iquique
Robledo, Pedro.....Iquique
Rocco, Enrique.....Iquique
Rodriguez, Anofre.....Iquique
Rodriguez, Tomaso R. de.....Iquique
Rodriguez, Zoilo.....Iquique
Rolando, Nicolas.....Iquique
Rometin, Antonio B.....Iquique
Rossi, Valentin.....Iquique
Rusinol y Carracedo.....Iquique
Rogers y Ca.....Estado 298, Santiago
Rogers y Ca.....Estado 298, Santiago
Reichardt, Adolfo....Delicias 1097, Santiago
Rillon, Adolfo S.....Pablo 977, Santiago
Riquelmo, Florinda.....Castro 467, Santiago
Riquelmo, Pedro N..Matucana 61A, Santiago
Ritter, Antonio..Independencia 460, Santiago
Risso, Jeronimo.....Vergara 701, Santiago
Ristichi, Agustin.....Nataniel 611, Santiago
Risotti, Esteban.....Bandera 881, Santiago
Rivano, Juan.....Serrano 596, Santiago
Rivara, Candido.....Serrano 298, Santiago
Rivara, Felipe.....San Isidro 274, Santiago
Rivas, Ines.....M. de Rozas 3128, Santiago
Robin, Victor.....Av. Viel 1841, Santiago
Robles, Amalia.....Andes 2164, Santiago
Robles, Angel C.....Grajales 3102, Santiago
Robles, Martin,
Anuniateguy 1096 y Andes 2866, Santiago
Rochette, Jeronimo..Huemul 1494, Santiago
Rochette y Rego Righi,
Cochrane 302, Santiago
Rocamora, Isidro.....Colegio 1778, Santiago
Rocatagliata, Francisco..Riquelme 874,
Carreras 705 y Padura 708, Santiago
Rodriguez, Emilia.....Rozas 1696, Santiago
Rodriguez, Fidelicia.S. Alfonso 305, Santiago
Rodriguez, Fidel.....S. Pablo 1602, Santiago
Rodriguez, Jerman..Av. Brasil 996, Santiago
Rodriguez, Juan N.,
Diez de Julio 1057, Santiago
Rodriguez, Manuel...Republica 97, Santiago
Roggero, Emilio....Hermanos 255, Santiago
Rojas, Edelmira.....Galvez 697, Santiago
Rojas, Florindo.....Cochrane 443, Santiago
Rojas, Isidro.....Nataniel 2098, Santiago
Rojas, Manuel A.....Andes 2101, Santiago
Rojas, Manuel C..San Pablo 3389, Santiago
Rojas, Rosalbo,
A. Prat 1451 y Lopez 401, Santiago
Robba, Celeste.....Delicias 2106, Santiago
Rogers y Ca.,
Estado 298 y Delicias 1597, Santiago
Raggio, Santiago.....Andes 2801, Santiago
Rapetto, Blas.....Castro 96, Santiago
Rojas, Manuel...San Miguel 64, Santiago
Roman, Hnos.....Delicias 101, Santiago
Roni, Pedro.....Catedral 2301, Santiago
Rossetti, Cesar.....Catedral 2501, Santiago
Rovano, Jose.....Delicias 1441, Santiago
Ruz, Jose.....San Ignacio 1996, Santiago
Raffo, Fernando....Nataniel 198, Santiago
Raggio, Agustin.....Galvez 901, Santiago
Raggio, Antonio.San Ignacio 296, Santiago
Ramis, Andres.....Galvez 397, Santiago
Ramirez, Jose D....Recoleta 1297, Santiago
Ramirez de M., Luzmira
A Prat 897, Santiago
Ramirez, Fidelisa,
Avenida Latorre 3499, Santiago
Ramirez, Ruperto..S. Diego 2301, Santiago
Ramirez, Sinforosa.Aldunate 1471, Santiago
Rasses, Francisco..Cochrane 904, Santiago
Ravanal, Manuel..Av. Matta 789, Santiago
Razeto, Pablo ...Escanilla 302, Santiago
Recabarren, Eulogio,
Independencia 1314, Santiago
Requena, Mariano,
O'Higgins 1525, Santiago
Reyes, Elcira.....Sotomayor 30, Santiago
Reyes, Evaristo.....A. Prat 1446, Santiago
Ricci, Luis.....Matucana 1197, Santiago
Riesco, Manuel,
Santo Domingo 2097, Santiago
Richard, Rodolfo.....Libertad 13, Santiago
Rio, Pedro del.....Galvez 301, Santiago
Ripoll, Pedro.....Huemul 801, Santiago
Riquelme, Alejandro..Carmen 701, Santiago
Rhodes, Adrian.....Independ 804, Santiago
Roman, Jerardo....Compania 1303, Santiago
Roman, Antonio.....Chilos 1901, Santiago
Roman, Margartia..S. Alfonso 1496, Santiago
Romero, Dionisio,
Escanilla 339, Santiago
Romero, Sinforoso,
Sta. Rosa 1793, Santiago
Romo, Jose M...S. Diego 2093, Santiago
Romo, Ricardo.....Ecuador 3480, Santiago
Rosello, Lorenzo....Huemul 802, Santiago
Rosello, Mateo..Sta. Rosa 2105, Santiago
Rovano, Jose.....Galvez 101, Santiago
Rovegno, Pedro....Delicias 2805, Santiago
Ruchisi, Pedro P Bellavista 1099, Santiago
Rufimengo, Luis..Matucana 606, Santiago
Ruis, Augusto.....Mapocho 2896, Santiago
Ruis v de R., Augustin,
Echaurren 401, Santiago

GROCERS—Continued.

Rusttichi, Agustin..Nataniel 601, Santiago
Ruz, Francisco.....Nataniel 1619, Santiago
Savignoni, Federico,
Santa Rosa 1097, Santiago
Scapini, Virgilio...Mapocho 3302, Santiago
Sccabarossi, Felipe...Galan 2628, Santiago
Schidoo, Elias.....Chacabuco 49, Santiago
Seco, Alejandro..San Pablo 2648, Santiago
Sega, Romulo.....Recoleta 191, Santiago
Sepulveda, Jose....Copiaco 1058, Santiago
Sepulveda, Sandalio,
Nataniel 126, Santiago
Sepulveda, Sotelo...Cochrane 1795, Santiago
Serey, Agustin....Argomedo 375, Santiago
Serralbo, Manuel...Carreras 394, Santiago
Serrano, Carolina..Mapocho 2634, Santiago
Signo, Adolfo.....Andes 2390, Santiago
Signani, Rosa.....Recoleta 395, Santiago
Silva, Amador..San Ignacio 1936, Santiago
Silva, Andres.....Carmen 1002, Santiago
Silva, Ismael,
Cochrane 1701 y Ejercito 760, Santiago
Silva, Manuel W...Americana 679, Santiago
Silva, Maria.....Tajamar 156, Santiago
Silva, Santiago.....Davila 924, Santiago
Silva, Secundino.Exposicion 1226, Santiago
Silva, Nemesio...San Diego 1901, Santiago
Simonetti, Antonio.Catedral 1969, Santiago
Sinagua, Antonio.....Bulnes 101, Santiago
Solari, Ambrosio..Mapucho 2498, Santiago
Solari, David.....Maruri 297, Santiago
Solari, Esteban...Cochrane 1274, Santiago
Solari, Santiago..Benavente 397, Santiago
Solera, Juan.....San Isidro 102, Santiago
Solis, Daniel.....San Pablo 3825, Santiago
Solis, Roberto...Independen 398, Santiago
Soriano, Victor..Av. Brasil 606, Santiago
Soto, Diogenes.....Riquelme 979, Santiago
Soto, Francisco.....Galvez 1313, Santiago
Sotomayor y de N.,
Mercedes Nataniel 903, Santiago
Spalloni, Casimiro,
Independencia 371, Santiago
Sperlazzi, Rosa...Nataniel 1002, Santiago
Snarez, Vicente.....Gay 2558, Santiago
Sabioncello, Antonio.....Antofagasta
Scopelito, Santiago.....Antofagasta
Statich, Esteban.....Antofagasta
Statich, Pedro.....Antofagasta
Svicorovich, Lucas.....Antofagasta
Schiavetti Hnos,
Yungay esquina Merced, Valparaiso
Sacco, Pablo,
Delicias esquina San Jose 2, Valparaiso
Sanguinetti, Ferro y Cia,
Avenida del Brasil 68, Valparaiso
Sanguinetti, Eugenio..Maipu 125, Valparaiso
Schiavetti Hnos.....Cochrane 27, Valparaiso
Sibona, Gregorio....Victoria 254, Valparaiso
Surhoff, Guillermo.Cochrane 175, Valparaiso
Salas, Rosa.....Los Andes
Saavedra, Carmen.....Iquique
Sacco, Andres.....Iquique
Saenz, S.....Iquique
Salas, Nieto.....Iquique
Sampson, Demetrio.....Iquique
Sampson, Jorge.....Iquique
Sanchez, Carlos.....Iquique
Sardella, Pedro.....Iquique
Sioraffia, Victor.....Iquique
Scharafielo, Victor.....Iquique
Schapossi, Domingo.....Iquique
Schappapietra, S.....Iquique
Scorpatto, Antonio.....Iquique
Silva, Gregoria.....Iquique
Silvestrini, Antonio.....Iquique
Simonelli, Amadeo.....Iquique
Soto, Delfina.....Iquique
Squerro, Jose.....Iquique
Stanechic, Mateo.....Iquique
Susanibar, Manuel.....Iquique
Sanchez, Toribio.....Tacna
Schiapacasse, Nicolas.....Tacna
Sanguinetti y Cia, Ferro..Rozas 930, Santiago
Schiavetti Hnos y Cia,
Exposicion 136, Santiago
Sanguinetti y Cia, Ferro..Rozas 930, Santiago
Scotto, Juan.....Ahumada 206, Santiago
Santana, Manuel.....Puente 773, Santiago
Scotto y Cia, Juan...Ahumada 206, Santiago
Scotto, Luis..Portal Edwards 2794, Santiago
Simpson, C. W.....Estado 201, Santiago
San Marcial.....Anhes 3801, Santiago
Saburone, Alejandro,
Delicias 2494 y Capital 194, Santiago
Saclier, Francisco.....Cochran 402, Santiago
Sanhuera, Heraclio A.....Varas 1, Santiago
Sarmiento, Pedro...San Diego 804, Santiago
Sentis, Julio.....Maipu 29, Santiago
Sepulveda, Manuel.....Rozas 2105, Santiago
Sessarego, Juan.....Grajales 2467, Santiago
Siguani, Rosa...Independencia 769, Santiago
Solari, Antonio.....Delicias 3353, Santiago
Solari y Cassareno...Recoleta 796, Santiago
Solari, Hermanos.....Libertad 696, Santiago
Solari, Luis..Santo Domingo 496 y
San Antonio 875, Santiago
Solera y Cia, Juan..San Isidro 102, Santiago
Solis, Constancio.....Delicias 3367, Santiago

GROCERS—Continued.

Solimano, Jeronimo,
Independencia 592, Santiago
Stagno, Pablo.....Moneda 2696, Santiago
Suarez, Abraham,
Santo Domingo 2899, Santiago
Saavedra, Juan B.....Lopez 601, Santiago
Sabini, Angel.....Padura 395, Santiago
Sabini, Luis.....M. de Rozas 3401, Santiago
Saccarelli, Matilde..S. Diego 1001, Santiago
Saccola, Luis.....Mapocho 1980, Santiago
Saez, Valentin.....Andes 2601, Santiago
Saint Agne, Santiago....Rozas 103, Santiago
Salas y Ross.....Ahumada 57, Santiago
Salas, Francisco..M. de Rozas 3597, Santiago
Salas, Margarita.....S. Ignacio 97, Santiago
Salazar, Francisco..San Diego 1745, Santiago
Salazar, Jose M.....Cochrane 475, Santiago
Salcedo, Manuel,
Martinez de Rozas 2098, Santiago
Saldias, Otilia.....San Diego 1462, Santiago
Salvatierra, Emilio...Escanilla 395, Santiago
Sanchez, Manuel 20..Av. Varas 93, Santiago
Sanchez, Maria.....Victoria 1303, Santiago
Sanchez, Pastor,
Pasaje E. Valero 798, Santiago
Sanchez, Pedro P...Nataniel 1397, Santiago
Sanchez, Roberto..Chacabuco 783, Santiago
Sanguinetti, Luis.....Delicias 2505, Santiago
Sanz, Pascua .....Domeyko 2144, Santiago
Sapori, Gaspar.....Lira 58, Santiago
Sapori, Jose.....Carmen 255, Santiago
Saranette, Nuncio.....Capital 396, Santiago
Sarrienela, Manuel..Nataniel 1499, Santiago
Tassara, Angel.....A. Bello 871, Santiago
Teberes, Daniel.....S. Ignacio 696, Santiago
Teberes, Jose.....S. Diego 1117, Santiago
Teberes y Cia, Juan...Carmen 679, Santiago
Teberes, Juan B.....Cochrane 198, Santiago
Teller, Ceferino.....Maruri 796, Santiago
Tempeni, Hermenegildo,
A. Barroso 53, Santiago
Tepier, Julio.....Huemul 999, Santiago
Terraza, Luis.....Aldunate 1236, Santiago
Tesci, Guillermo.....Carmen 153, Santiago
Tilli, Baltasar.....Olivas 1089, Santiago
Tobar, Amelia.....Nataniel 701, Santiago
Tobar, Custodio,
Avenida Club Hipico 1398, Santiago
Tomakis, Luis. .....Delicias 2643, Santiago
Tononi, Enrique.....Gorbea 2995, Santiago
Toro, Juan de D.....Castro 173, Santiago
Toro, Juan de D..San Diego 1717, Santiago
Torres, Julio.....Tocornal 6991, Santiago
Torres, Segundo.....Pinto 1994, Santiago
Tonnetti, Juan.....Libertad 612, Santiago
Trabucco, Antonio.....Castro 201, Santiago
Trincado, Abel,
Bascuñan Guerrero 1140, Santiago
Troneoso, Antonio...Moneda 1702, Santiago
Tusso, Juan.....A. Prat 1440, Santiago
Treswalt, Guillermo.....Antofagasta
Tutrovich, Mateo.....Antofagasta
Terrada, Luisa.....Los Andes
Trivino, Caledonio.....Los Andes
Tadich, Pedro.....Iquique
Tan y Cia, Antonio.....Iquique
Tani, Antonio.....Iquique
Tarfreovich, Mateo.....Iquique
Tassara, Bartolo.....Iquique
Tassara, J. B.....Iquique
Tassara, Jose 20.....Iquique
Tassara, Maria v de.....Iquique
Tercido, Antonio.....Iquique
Trabucco, Agustin.....Iquique
Trivich, Luisa .....Iquique
Teran, Claudio .....Tacna
Tardita, Lucas .....Catedral 3095, Santiago
Tasso, Antonio.....Chiloe 2095, Santiago
Teyssier Luis.....Nataniel 1202, Santiago
Tonetti, Juan..Santo Domingo 2899, Santiago
Tornarelli, Mario.....Pinto 1892, Santiago
Traverso, Antonio....Riquelme 96, Santiago
Trusso, Luis A.....Prat 1397, Santiago
Tamatis, Pablo.....S. Pablo 1421, Santiago
Tamora, Silvio.....Carmen 695, Santiago
Tapia, Francisco.....Grajales 2555, Santiago
Tapia, Mateo.....Huemul 1001, Santiago
Tapia, Maximiliano....Andes 3727, Santiago
Tardiere, Juan ...Serrano 602, Santiago
Tardito y Delpiano..Delicias 2385,
Mapocho 2903, Catedral 3095, Santiago
Ulloa, Juan de D.....Iquique
Ugalde, Rosario.....Rosas 2297, Santiago
Uagnaro, Luis.....Mapocho 606, Santiago
Ulloa, Domingo..Santa Rosa 1140, Santiago
Unghiatti, Federico,
San Francisco 1801, Santiago
Urbina, Benjamin,
Union Americana 249, Santiago
Ureta, Arturo.....San Pablo 3080, Santiago
Urzua, Alberto.....Dominica 382, Santiago
Urzua, Corina...?..San Diego 974, Santiago
Urzua, Luis A..Santo Domingo 302, Santiago
Urzua, Nicanor..San Francisco 1404, Santiago
Villar Hnos.....Los Andes
Vaccaro, Luis.....Iquique
Valdebenito, Elenterio.....Iquique
Valdivia, Salvador.....Iquique
Valle, Jeronimo.....Iquique

GROCERS—Continued.

Vaselli, Francisca C. v de.....Iquique
Vega, Jose Domingo.....Iquique
Ventura, Francisco.....Iquique
Vera, Aniceto.....Iquique
Vergara, Elvira.....Iquique
Vicatto, Jeronimo.....Iquique
Vicencio, Domingo.....Iquique
Viera, Santiago.....Iquique
Vilabes, Juan U.....Iquique
Villacoda, Jeronimo.....Iquique
Villalobas, Dora.....Iquique
Villalobas, Marcos.....Iquique
Violich, P.....Iquique
Vuchina, Antonio.....Iquique
Vuchina y Cia.....Iquique
Valenzuela y Cia.....Tacna
Vaccaro Hnos.....Tacna
Vaccareza, Santiago.21 de Mayo 802, Santiago
Vadone y Galletti.....Puente 802, Santiago
Valenzuela, Pedro N..Toesca 2496, Santiago
Valiarino, Santiago,
Independencia 1365, Santiago
Valle, Jose.....Recoleta 890, Santiago
Valle, Pablo.....San Pablo 2987, Santiago
Valli, Claudio.....San Pablo 2392, Santiago
Vanelli, Luis,
Avenida de la Republica 22, Santiago
Vasquez, Aristides C..Monjitas 345, Santiago
Vasquez, Ramon..Huerfanos 1996, Santiago
Vattucome, Julio....San Diego 642, Santiago
Vega, Julio.....San Alfonso 402, Santiago
Velasquez, Bartolo.....Cheto 535, Santiago
Venoglia v de V., Josefina,
Esperanza 1399, Santiago
Ventosa, Juan.....A. Prat 794, Santiago
Vera, Salvador.....12 Febrero 3, Santiago
Verbal, Jose del C.....Andes 2486, Santiago
Verden, Federico....Moneda 1602, Santiago
Verdejo, Juan Manuel..Lopez 301, Santiago
Verdugo, Eufrasia....Rivera 1506, Santiago
Vergara, M. Maria J..Galvez 703, Santiago
Vergara, Miguel.....Davila 730, Santiago
Vergara, Petrenila,
Avenida Latoire 3593, Santiago
Vergues, Fermin...San Diego 950, Santiago
Vergara, Pedro.....Castro 476, Santiago
Velasco, Filomeno.....Mesias 79, Santiago
Velasquez v de V., Dorotea,
Nataniel 922, Santiago
Vera, Juana.....A. Prat 1463, Santiago
Vicari, Jose.....Lastra 1298, Santiago
Vidal, Justo R.....San Isidro 287, Santiago
Viera v de S., Mercedes,
San Francisco 602, Santiago
Vignolo, Cayetano.....Lira 288, Santiago
Vignolas, Jose...Juan Vicuna 1601, Santiago
Vigorena, Canciano..San Pablo 2488, Santiago
Vilches, Fortunato..Recoleta 1395, Santiago
Vilches, Jose del C..Nataniel 1647, Santiago
Vicini, Teresa,
Avenida Campo Marte 197, Santiago
Villalon, Abelardo,
Independencia 1513, Santiago
Villar, Luis....Santa Monica 2192, Santiago
Villarroel, Miguel...Valdivieso 39, Santiago
Vargas, Juan J.....Franklin 975, Santiago
Vasquez, Nahun.....Davila 763, Santiago
Venegas, Juana R.,
Independencia 352, Santiago
Veruggio, Manuel...Catedral 2801, Santiago
Venelli, Hmnos,
Independencia 1006, Santiago
V. de Larrain, Clorinda..Davila 802, Santiago
Valdes, Florinda.....Merced 333, Santiago
Valdes, Miguel.....Pinto 2091, Santiago
Valdivia, Aurelio.....Galvez 402, Santiago
Valdenegro, Amadora..Galvez 208, Santiago
Valdivieso, Aurelio.....Galvez 402, Santiago
Valdivieso, Juana..Sotomayor 274, Santiago
Valdivieso, Rosa.....Galvez 1001, Santiago
Valdovinos, Rafael..Riquelme 421, Santiago
Valencia, Manuel....S. Pablo 3002, Santiago
Valencia, Felipe,
Avenida Yungay 2796, Santiago
Valenzuela, Juan de la R.,
Rosas 2401, Santiago
Valenzuela, Regulo..Delicias 2274, Santiago
Valpreda, Juan.....Rosas 3199, Santiago
Valle, Agustin.....Esperanza 1285, Santiago
Vallefin, Pedro.....Olivos 954, Santiago
Vallebuona, Pablo....Nataniel 598, Santiago
Vangeois, Luis.....Mesias 147, Santiago
Varas, Carmen R.....Rivera 1302, Santiago
Varas, Luis.....Romero 2954, Santiago
Varas, Zacarias..Cinco de Abil 3693, Santiago
Varela, Policarpo..Eyzaguirre 1438, Santiago
Varetti, Antonio.....Tocornal 698, Santiago
Varessi, Juan.....Santa Rosa 398, Santiago
Vargas, Francisco,
Avenida Latorre 3498, Santiago
Vinolas, Jose....Juan Vicuña 1601, Santiago
Vitale, Julio.....Arturo Prat 1593, Santiago
Vivaceta Florenino.....Castro 320, Santiago
Vivanco, Pedro,
Bascunan Guerrero 71, Santiago
Wehrharn Hnos y Cia,
Blanco 176, Valparaiso
Weir, Scott y Cia.....Prat 13, Valparaiso
Wing Ling Lee.....Iquique

GROCERS—Continued.

Witendall, Angel.....Iquique
Won y Cia, Aley.....Iquique
Won, Antonio.....Iquique
Wehrhahn y Cia.....Puente 548, Santiago
Weir Scott y Cia....Monjitas 869, Santiago
Wehrhahn y Cia .....Puente 548, Santiago
Weir, Scott y Cia,
Monjitas 869 y Estado 394, Santiago
Wassblüh, Gregorio.....Gay 2594, Santiago
Willigmann, Roberto,
Maestranza, 401, Santiago
Yola, Jorge.....Antofagasta
Yarz, Remigio.....Capital 186, Santiago
Yaconi, Antonio..Independencia 894, Santiago
Yame, Julio. .Moneda 2501, Santiago
Yaniszewski, Estanislao M. de Rozas 2706
y U. Americana 197, Santiago
Yanten, G. Enrique..Bellavista 505, Santiago
Yavar, Alberto.....Moneda 2602, Santiago
Yervino, Carlos..... A. Prat 399, Santiago
Yetri de B., Palmira..Delicias 1502, Santiago
Yuger, Bernardo.....Toesca 2705, Santiago
Yuri, Rafael.....Delicias 2686, Santiago
Zuanich, Gregorio.....Antofagasta
Zurvich, Nicolas.....Antofagasta
Zapata y Cia, Antonio.....Iquique
Zamberlin, Nicolas.....Iquique
Ztiecovich, Lazaro.....Iquique
Zuanich, Antonio.....Iquique
Zacarelli, Natalio....S. Diego 1005, Santiago
Zanolli, Luis.....Republica 22, Santiago
Zamorano, Celinda..Matucana 206, Santiago
Zapatra, Alejandro....Chiloe 1702, Santiago
Zapeyre, Joel.....S. Pablo 2302, Santiago
Zarate, Julio.....Coquimbo 744, Santiago
Zelada, Cirilo.....Rosal 336, Santiago
Zembo, Hector..Sama 1493 y 1501, Santiago
Zuñiga, Alamiro..San Ignacio 1074, Santiago
Zuñiga, Carolina, v de S.,
A. Prat 1416, Santiago
Zuñiga, Mercedes.....Gorbea 2551, Santiago
Zuñiga, Manuel..Av. Latorre 3452, Santiago

JEWELRY FACTORIES.

Dieterle, Gordiano..Esmeralda 28, Valparaiso
Schneider, Otto.....Condell 89, Valparaiso
Feiss y Köhler.....Ahumada 279, Santiago
Godart, Alfonso.....Ahumada 259, Santiago
Grosjean, L. E.....Delicias 1021, Santiago
Huber, Jose..Portal F. Concha 992 y
Pasaje Matte 31, Santiago
Meyer, Mauricio.....Estado 373, Santiago
Santiagos, Amador A....Prat 1074, Santiago
Schultz, Fernando..Agustinas 1035, Santiago
Tirreau, Antonio..Huerfanos 1285, Santiago
Waak, Otto.....San Antonio 142, Santiago
Weil, L., y Becker, B..Estado 354, Santiago

JEWELRY STORES.

Belser, Alfonso.....S. Pablo 1885, Santiago
Brosse, Julio.....Huerfanos 927, Santiago
Cohn y Schwager, Leopoldo,
Ahumada 315, Santiago
Diek, Jorge.....Ahumada 58, Santiago
Emanuel, Victor ...Huerfanos 917, Santiago
Fürst y Cia, P F.....Concha 950, Santiago
Garayalde, Jose.....Ahumada 134, Santiago
Gauret, Alfonso ....Ahumada 336, Santiago
Ghiringhelli e hijo, A.,
P. Edwards 2742, Santiago
Godart, Alfonso.....Ahumada 259, Santiago
Grez, Manuel E.....Ahumada 272, Santiago
Grosjean, Eduardo....Delicias 121, Santiago
Huber, Jose..Portal F. Concha 992, Santiago
Jacob, Ernesto.....Ahumada 281, Santiago
Jacobs, Isaac.....Huerfanos 913, Santiago
Lamas, Teodoro.....Estado 180, Santiago
Linenweber, Federico,
Ahumada 333, Santiago
Michel, Hno y Cia, Jose,
Ahumada 46, Santiago
Müller, Federico.....Ahumada 54, Santiago
Müller, Jorge.....Ahumada 390, Santiago
Perrenoud, Eduardo..Ahumada 258, Santiago
Schalzt, Fernando..Agustinas 1035, Santiago
Sinn, Luis E .....Huerfanos 969, Santiago
Umlauff Hnos.....Estado 378, Santiago
Maak, Otto.....San Antonio 142, Santiago
Weil y Becker.....Estado 354, Santiago
Ansaldo, Juan.....Condell 113, Valparaiso
Babst, Guillermo.....Latorre 2C, Valparaiso
Becker y Cia.....Prat 1, Valparaiso
Cahen Hnos.....Esmeralda 92, Valparaiso
Dieterle, Gordiano..Esmeraldo 28, Valparaiso
Hepp, Hermann...Esmeraldo 40, Valparaiso
Jacobs, R.....Prat 5, Valparaiso
Klickmann, Guillermo..Condell 1, Valparaiso
Lervin, A.....Condell 135, Valparaiso
Pasos, Alejandro..Buenos Aires 50, Valparaiso
Perrenoud, Jorge.....Condell 6, Valparaiso
Rolke, Conrado.....Condell 51, Valparaiso
Schneider, Otto.....Condell 89, Valparaiso
Schwab y Hnos....Esmeralda 48, Valparaiso
Lewin, Alejandro... Condell 135, Valparaiso
Sinn, Luis E Esmeralda 42, Valparaiso
Valoguieso, Francisco..Urriola 12, Valparaiso
Winvitzoff, Bernardo..Condell 52, Valparaiso
Hamelin, Carlos Comercio 61, Concepcion
Messing, Carlos..Comercio 146 A, Concepcion

JEWELRY STORES—Continued.

Meylan, Gustavo..Comercio S/N, Concepcion
Schulze, Carlos....Comercio 141, Concepcion
Angolo, Felipe.....Tarapaca
Aravena, Gregorio 20.....Tarapaca
Aravena, W. M.....Tarapaca
Araya, Martin.....Tarapaca
Bedoya, Antonio.....Tarapaca
Bert, Cesar G.....Tarapaca
Bonafade, Juan.....Tarapaca
Canessi y Cia, E.....Tarapaca
Capetillo, Juan.....Tarapaca
Caranzano y Pazzini.....Tarapaca
Davila, Angel.....Tarapaca
Davila, Mariano C.....Tarapaca
Duran, Manuel.....Tarapaca
Galdos, Marcial.....Tarapaca
Gonzalez, Emilio.....Tarapaca
Guismondi, Jose.....Tarapaca
Madsen, Jorge.....Tarapaca
Montague, M.....Tarapaca
Meroni, Emanuel.....Tarapaca
Ohlrich, Federico.....Tarapaca
Pallares, Francisco.....Tarapaca
Petersen, J. L.....Tarapaca
Vallino, Rafael.....Tarapaca
Villalba, Ramon.....Tarapaca
Gonzalez, Marcial L.....Bio-Bio
Garcia, Armando.....Bio-Bio
Ulmen, Cristian.....Cautin
Schmidt, Otto.....Cautin
Fritz, Ernesto 20.....Valdivia
Hauber, Otto.....Valdivia
Henzi, Teodoro.....Valdivia
Oyarzun, L. Paulino.....Valdivia
Depolo, Domingo.....Magallanes
Faller, Adolfo.....Magallanes
Gall, O.....Magallanes
Wlodaroswky, F.....Magallanes

IMPORTERS OF TRIMMINGS, ETC.

Capellaro Hnos.....Estado 230, Santiago
Cozzi Hnos...Santo Domingo 957, Santiago

LUMBER SAWING FACTORIES.

Weldt, Carlos.....Bio-Bio
Gomez, J. Virginio.....Bio-Bio
Hermosilla, Jose del Rosario.....Bio-Bio
Wymeister, Carlos.....Bio-Bio
Arens y Burg.....Valdivia
Demmerer, Federico 20.....Valdivia
Oettinger Hnos.....Valdivia
Riemann, Otto.....Valdivia
Bermudez, F. M.....Magallanes
Bermudez y Cia.....Magallanes
Casanova, Castor.....Magallanes
Eberhard, H.....Magallanes
Tapia, N.....Magallanes
Sardes, Julian.....Magallanes
Victoria, Jose.....Magallanes
Ultima, Esperanza.....Cazador

NAVAL STORES.

Tillmans y Cia.,
Blanco 454 y Av. Errazuriz
295 .....Valparaiso
Williams, A.....Blanco 64, Valparaiso
Willshaw Hnos y Cia.,....
Cochrane 112 y Blanco 179, Valparaiso
Bushell i Cia.....Prat 15, Valparaiso
Benito, Falcome,
Yungay i Merced, Valparaiso
Schiavetti, Hnos,
Yungay i Merced, Valparaiso
Costa, Jose.....Sto. Domingo 952, Santiago
Passalacqua, Hnos,
Exposicion 80, Santiago
Schiavetti.....Exposicion 136, Santiago

OIL MANUFACTURERS.

Parry i Cia.....Aconcagua
Schiavetti, Hnos.
Callejon S. Cristobal, Santiago
Demmerer, Federico 20.....Valdivia

DEALERS IN PAINTS.

Piedrabuena, Ismael,
Huerfanos 1168, Santiago
Railhet, Ludovico..Ahumada 76, Santiago
Salas, Juan D.....Delicias 1043, Santiago
Sanchez, Luis M.,
Puente 610 y S. Pablo 1081, Santiago
Willshaw Hnos i Cia.,
Ahumada 368, Santiago
Cicarelli, Marcos.....Tarapaca
Albert, Alberto....Ahumada 218, Santiago
Backer i Cia., Juan,
San Antonio 262, Santiago
Betteley i Cia.....Puente 565, Santiago
Gomez, Luis F.....Puente 778, Santiago
Horman i Cia.....Puente 577, Santiago
Merino i Cia.....Puente 630, Santiago
Muñoz, Francisco J..
Puente 872 y Mapocho 918, Santiago
Orellana, Hnos....Ahumada 238, Santiago
Perey, Luis.....Ahumada 66, Santiago

DEALERS IN SEEDS.

Bosquet, Carlos,
Sto. Domingo 1101, Santiago
Plaza, Jeronimo...Moneda 1021, Santiago
Spoerer i Cia., Oscar,
Concepcion, Santiago

PERFUMERY STORES.

Knabe y Cia.....Esmeralda 70, Valparaiso
Petronio, Enrique....Serrano 41, Valparaiso
Alonso, Meliton.....Ahumada 156, Santiago
Cerani, Luis.....San Diego 210, Santiago
Correa, Luis.....Estado 36, Santiago
Diaz de la Vega, Wenceslao,
San Diego 1017, Santiago
Godoy, Pedro N.....Ahumada 191, Santiago
Houssays y Pagani,
Portal F. Concha 976, Santiago
Jardel, Carlos.....Ahumada 354, Santiago
Maccioni, Severino..Ahumada 386, Santiago
Marthouret, Claudio....Puente 657, Santiago
Pizarro, Jose T.....Cruz 1214, Santiago
Renbergs, H.....Estado 379, Santiago
Rivet, Victor.....Huerfanos 1020, Santiago
Torrealba, Julio P..Edwards 2768, Santiago

PIANO (IMPORTERS).

Becker, Otto.....Ahumada 117, Santiago
Jouve y Gorlier.....Monjitas 870, Santiago
Kirsinger y Cia,
Carlos Ahumada 175, Santiago
Macker, Carlos F.....Tarapaca
Nolli, Juan.....Tarapaca
Becker, Otto.....Ahumada 117, Santiago
Ide, Agustin.....Moneda 1525, Santiago
Kirsinger y Cia, Carlos,
Ahumada 175, Santiago
Kühnel, Jose.....Moneda 1479, Santiago
Petzold, Adolfo.....Estado 138, Santiago
Salazar e Hijos, M.Compañia 1083, Santiago
Verdi y Cia.....Catedral 1115, Santiago

SANDAL FACTORIES.

Azin, Mariano..Independencia 174, Santiago
Basterrica, Pedro...San Diego 640, Santiago
Dunoguier, Pedro...San Diego 669, Santiago
Gadira, Juan.....San Pablo 2354, Santiago
Martinez, Angel....San Diego 682, Santiago
Meneses, Nicodemus..Bandera 964, Santiago

SHIPPING BROKERS.

Kenrick y Cia, G. C..Blanco 193, Valparaiso
Lyon Hnos.....Blanco 116, Valparaiso
Wilms, Guillermo.....Prat 51, Santiago

SHIRT MANUFACTORIES.

Juillerat, E.....Esmeralda 88, Valparaiso
Matas y Cia,
Esmeralda 76 y Condell 53, Valparaiso
Matas, J. N., y Cia...Condell 143, Valparaiso
Müller, Ernesto.....Blanco 420, Valparaiso
Nogue y Cia.....Victoria 148, Valparaiso
Rioja, Florencio...Cochrane 124, Valparaiso
Luis, Bottin,
Bandera 278, Santiago-Casilla 31, Santiago
Carbonier, Enrique.San Pablo 1060, Santiago
Clavel, Victor.....Morande 458, Santiago
Cingolani, Juan B.....Merced 302, Santiago
Encinas Hnos,
Puente 635 y San Pablo 1197, Santiago
Feinmann, David...San Diego 372, Santiago
Juillerat e Hijo, E.,
Estado 212, Casilla 2066, Santiago
Laencina, Alejandro.San Diego 301, Santiago
Matas y Ca.....Bilbao 21 al 53, Santiago
Meyer, Hipolito,
S. Pablo 1076 y 1256, Santiago
Pra y Ca.....Huerfanos 1059, Santiago
Requena, Victoria....San Diego 15, Santiago
Segovia, Ramon....San Diego 215, Santiago
Bordalo, R.....O'Higgins, Concepcion
Diez, Domingo.....Comercio, Concepcion

SPIRIT LAMP STORES.

Dubief, Enrique.....Bandera 536, Santiago

STATIONERY (IMPORTERS).

Baile y Cia, R. Y...Esmeralda 7, Valparaiso
Hardy, J. W.....Esmeralda 9, Valparaiso
Niemeyer, C. F....Esmeralda 41, Valparaiso
Paton y Cia, W. G..Esmeralda 2, Valparaiso
Compañia Americana,
Ahumada 135, Santiago
Depassier y Cia.....Ahumada 369, Santiago

STEAMSHIP COMPANIES.

Compania Alemana, Komos,
Prat 75, Valparaiso
Compañia Inglesa....Blanco 202, Valparaiso
Compañia Norte-Americana,
Prat 21, Valparaiso
Compañia Sud-Americana,
Pasaje 5, Casa 2, Valparaiso
Williams y Cia, E.....Vlanco 64, Valparaiso

TELEGRAPH COMPANIES.

Agencia Havas.....Prat 96, Valparaiso
Cable West Coast.....Prat 69, Valparaiso
Telegrafo Americano..Puerto Bellavista,
Almendral Baron y Valparaiso 2, Valparaiso

TELEGRAPH COMPANIES—Continued.

Telegrafo del Estado,
Prat 100, Bellavista, Victoria 390, Valparaiso
Telegrafo Transandino..Prat 74, Valparaiso
Cable West Coast y via Eastern,
Huerfanos 851, Santiago
Central y South American Telegraph Co.,
via Galveston.....Huerfanos 851, Santiago
Telegrafo del Estado,
Palacio de la Intendencia, Santiago
Telegrafo del Estado,
Palacios de la Moneda, Santiago
Telegrafo del Estado,
Huerfanos 956, Santiago
Telegrafo del Estado,
Estacion de los F. F. del E. E., Santiago
Telegrafo del Estado,
San Diego 275, Recoleta 2935, Santiago
Telegrafo del Estado,
Delicias 238 y 2552, Santiago
Telegrafo del Estado,
Sotomayor 693, Santiago
Telegrafo del Estado,
Independencia 947, Santiago
Telegrafo del Estado,
Santa Rosa 620 y Recoleta 748, Santiago
Telegrafo Americano,
Huerfanos 914, Santiago
Telegrafo Americano.Catedral 2225, Santiago
Telegrafo Americano,
San Diego 257, Santiago
Telegrafo Americano,
Bandera 223 y Estacion, Santiago
Telegrafo Americano de los Ferrocarriles,
Santiago
Telegrafo Americano del Estado....Santiago

TURBINE IMPORTERS.

Amadeo, Heiremans,
Santo Domingo 1681, Santiago

VELVET MERCHANTS.

Baird y Cia, A.....S. Antonio 355, Santiago
Cariola, Miguel.....Ahumada 96, Santiago
Muzard, Viuda de...Ahumada 153, Santiago

CHILEAN WINES (DEPOSIT).

Schade, Alberto.....Carmen 98, Santiago
Silva, Anibal.....Nataniel 137, Santiago
Subercaseaux, Francisco,
Catedral 3137, Santiago
Subercaseaux, Ramon,
M. Rodriguez 42, Santiago
Talavera, L. Eduardo,
Compañia 2077, Santiago
Tocornal, Ismael..Huerfanos 1215, Santiago
Tocornal, Jose.....San Isidro 15, Santiago
Torres, Belisario E...Vergara 471, Santiago
Undurraga, Francisco R.,
Morande 343, Santiago
Valdivieso, Nicolas,
Chacra Santa Elena, Santiago
Ventura Hnos,
Avenida Vicuña Mackenna 8, Santiago
Vial, Leonidas.....Huerfanos 802, Santiago
Zavala, Manuel.....Bandera 139, Santiago
Lerond Freres y Magre,
Olivos 964, Santiago
Llamazares, Juan....Delicias 3363, Santiago
Marambio, Nicanor...Bandera 265, Santiago
Mardones, Manuel C.,
Amunategui 673, Santiago
Marin, Pedro A.....Bandera 170, Santiago
Mendez, Carlos.....Castro 34, Santiago
Mercadie, J.....San Diego 487, Santiago
Molino, Pedro.....San Martin 61, Santiago
Montt, Santiago.....Carreras 284, Santiago
Muñoz, B. Jose del C.Monjitas 796, Santiago
Ochagavia, Silvestre.Huerfanos 821, Santiago
Ortuzar, Javier....Huerfanos 1147, Santiago
Ortuzar, Salvador.....Bulnes 26, Santiago
Pereira, Luis.....Estado 398, Santiago
Porter, Carlos.....Agustinas 1798, Santiago
Pra, Julio.....Llano Subercaseaux, Santiago
Pueo, Sebastian.....Catedral 1694, Santiago
Ramirez, Jeronimo....Teatinos 80, Santiago
Richard, Agusto.....Sta. Rosa 449, Santiago
Richaud v de T., Luisa,
San Isidro 88, Santiago
Rios, Gregorio.....Castro 43, Santiago
Rivas, Francisco J....Delicias 1479, Santiago
Rodriguez, Cerda J.....Castro 430, Santiago
Rossel Hnos.....A. Prat 987, Santiago
Salinas, Carlos,
Santo Domingo 1867, Santiago
Salinas v de F. Maria, A.,
M. Montt 2951, Santiago
Sanfuentes, Enrique S.Moneda 1039, Santiago
Ahumada, C. Ricardo.....Tarapaca
Fabres, F. Alberto.....Tarapaca
Leoncini, Angel.....Tarapaca
Neuhaus, C. A.....Tarapaca
Taborga, D.....Tarapaca
Wood, Capurro y Cia.....Tarapaca
Bahamondes, Francisco,
Cochrane 450, Santiago
Benitez, Manuel J....Riguelme 33, Santiago
Bordep, Andres.....Moneda 2559, Santiago
Casson Hnos, Sabino..Copiapo 764, Santiago
Cerda, Hernan.....Castro 130, Santiago
Cobo, Jose Salustio.Agustinas 1056, Santiago

CHILEAN WINES (DEPOSIT)—Continued.

Concha y Toro....Sta. Lucia 265, Santiago
Correa, Bonifacio.....Delicias 430, Santiago
Correa, Albano J. G. de.Claras 257, Santiago
Cousiño, Arturo....S. Ignacio 419, Santiago
Dapelo, Jose.....Echaurren 6, Santiago
Delano, Eduardo...Victoria 1174, Santiago
Diaz, M. J.....Agustinas 922, Santiago
Diegue Hnos.....M. Montt 2911, Santiago
Echeñique, J. M.....Meiggs 27, Santiago
Errazuriz, Urmeneta Rafael,
Moneda 933, Santiago
Fernandez, Concha Domingo,
Morande 580, Santiago
Fernandez, B. Joaquin,
Huerfanos 1116, Santiago
Larrain, Ladislao.....Sazie 1755, Santiago
Larrain, Toribio.....Grajales 1935, Santiago

SPIRITS (WHOLESALE DEALERS).

Aranda, Pompuyo.....Aconcagua
Silva, Sandalio.....Aconcagua
Urrutia, Adolfo.....Aconcagua
Agarone, Hnos....Delicias 273, Valparaiso
Araya Crotes y Ca.,
Chacabuco 101, Valparaiso
Arestizabab, Anselmo,
Arsenal 55, Valparaiso
Aninat, Jorge C.....A. Prat 5, Valparaiso
Baird, Roberto..Esmeralda 15, Valparaiso
Baltra, Fernando,
Coronel Urriola S., Valparaiso
Besa y Ca.....Cochrane 10, Valparaiso
Bustos, Cosme...Cochrane 102, Valparaiso
Cabrera y Brito..Tarapaca y 25, Valparaiso
Cambiaso, Antonio.Yungay 139, Valparaiso
Cariola, Miguel y Co.,
Yungay 370, Valparaiso
Costa, Santiago.....Maipu 256, Valparaiso
Chiartano, Luis, y Ca.,
Chacabuco 206, Valparaiso
Dalbora, Jose.....Maipn 217, Valparaiso
Daube y Ca.....A. Prat 6, Valparaiso
Desmartio, Ernesto,
Chacabuco 150, Valparaiso
Desmartio, Pablo....Yungay 114, Valparaiso
Escobar, Marcial..Yungay 318, Valparaiso
Espinosa, Juan F.,
Bustamante 56A, Valparaiso
Falcone, Benito....Yungay 292, Valparaiso
Ferrari y Brussone,
Tivola 106A, Valparaiso
Ferrecio y Cia.....Iaime 60, Valparaiso
Figallo, P., y Cia..Yungay 225, Valparaiso
Figueros y Casteis..Blanco 472, Valparaiso
Frugone, Pedro G.,
Bustamante 87, Valparaiso
Gonzalez, Lindor..Yungay 308, Valparaiso
Gotusso, Hnos,
Callejon del Clave 8, Valparaiso
Hempel, Felix.....Blanco 122, Valparaiso
Herrera y Devoto...Marcad 71, Valparaiso
Hollub, Enrique, y Cia,
Delicias 199, Valparaiso
Leighton, Victor M.,
Las Heras 65, Valparaiso
Lorca, Luis Enrique,
Cochrane 31, Valparaiso
Maestrini, V. P. S.,
Hospital 15A, Valparaiso
Maupas, H., y Broquaire, G.,
Bustamante 37, Valparaiso
Ortiz, Juan.....Chacabuco 498, Valparaiso
Peirano y Cia.....Victoria 433, Valparaiso
Prelvostean, Pedro.Merced 205, Valparaiso
Ralph, Enrique, 20,..Blanco 14, Valparaiso
Rembadi, Francisco..Victoria 132, Valparaiso
Repetto v de B., Maria,
Victoria 67, Valparaiso
Reyes Benito y Badillo
Oleogario .....Yungay 308, Valparaiso
Ribleck y Schaestt,
Av.| Brasil 97, Valparaiso
Rivera, Juan.....Yungay 182, Valparaiso
Ruz y Fernandez..Delicias 323, Valparaiso
Saavedra, Andres, y Cia,
Merced 7, Valparaiso
Schiavetti, Hnos,
Yungay esq., Merced, Valparaiso
Trouche, Pablo..Cumming 28, Valparaiso
Waligorscki, Juan.Victoria 128, Valparaiso
Williams, Hnos...Cochrane 43, Valparaiso
Zanetta, Hnos.....Victoria 330, Valparaiso
Zolezzi, Santiago...Merced 36, Valparaiso
Alexandri, P. S.,
Avenida Matta 2565, Santiago
Araya e Hijo, Roberto,
Monjitas 861, Santiago
Astorga, Rodolfo..Cumming 676, Santiago
Bersano y Roma...Delicias 3223, Santiago
Besa y Ca.....21 de Mayo 617, Santiago
Blanchard, Alfredo,
Portal F. Concha 936, Santiago
Borghero y Bassi,
B. Guerrero 802, Santiago
Bringas, Manuel A.,
Huerfanos 2614, Santiago
Broudisson, Pedro...Estado 262, Santiago
Camino, Benito.....Estado 202, Santiago
Campos, Manuel J...Puente 648, Santiago

SPIRITS (WHOLESALE DEALERS)—Continued.

Cariola, Hnos, Santo Domingo 1066, Santiago
Carrasco, Reyes Maximo, Nataniel 604, Santiago
Cobo, Jose S.....Agustinas 1056, Santiago
Contreras, M. P..San Pablo 2485, Santiago
Cristofanini, Alberto, San Antonio 258, Santiago
Cruz, V. R...Andres Bello 477, Santiago
Daube y Ca....San Antonio 397, Santiago
Despouy, Eugenio..Chacabuco 20, Santiago
Druscke, Gustavo A., Esmeralda 690, Santiago
Escobar, Juan de D., U. Americana 106, Santiago
Fernandez, Filidor, Esmeralda 777, Santiago
Ferrari y Cia.....Rosas 1888, Santiago
Ferrera, Bartolome..Puente 796, Santiago
Gleisner y Cia..Compañia 1060, Santiago
Gouyon, Pedro..San Diego 174, Santiago
Granello y Vaccaro..Puente 664, Santiago
Hernandez y Bravo, Ahumada 130, Santiago
Jacques, Gabriel, Camino del Carrascal, Santiago
Larrañaga, Arturo, San Pablo 1218, Santiago
Latorre y Faine, Avenida C. de Marte 200, Santiago
Lopehandia y Cia., Corina San Francisco 290, Santiago
Lopez, Enrique 20, Pasaje Ugarte 40, Santiago
Lumsden, Juan.....Estado 170, Santiago
Medina, Romulo A., Santo Domingo 959, Santiago
Melossi y Cia., Alfredo, Bandera 233, Santiago
Mendez, Carlos.....Castro 40, Santiago
Paramo, Eoises del..Galvez 548, Santiago
Parragues y Solis, R., Balmaceda s-n, Santiago
Passalacqua, Hnos, Exposicion 80, Santiago
Pico, Agustin....San Diego 880, Santiago
Puppo, Francisco B., Guerrero 198, Santiago
Pozo, Aurelio.....San Diego 482, Santiago
Richards, Augusto, Villa Santa Rosa 449, Santiago
Rodenas, Samuel, Maestranza 485, Santiago
Rodriguez, T. Jose 20, Chacabuco 29, Santiago
Rossard, Hector...Chacabuco 69A, Santiago
San Albino...Independencia 516, Santiago
San Pabla.....Independencia 419, Santiago
Salas y Cia.....San Isidro 603, Santiago
Salas, Eulogio.....Puente 676, Santiago
Salas, Juan N.....Delicias 864, Santiago
Salas, E. Rolando....Bulnes 179, Santiago
Salinas, G. Carlos, Santo Domingo 1867, Santiago
Schiavetti, Hnos.Exposicion 192, Santiago
Simpson, Carlos W...Estado 201, Santiago
Smith, G. P.....Av. Matta, 1092, Santiago
Telemaque, Justino, San Pablo 3001, Santiago
Toro, Jose Agustin, Exposicion 226, Santiago
Torres, M. Ramon.....Friere 10, Santiago
Vadone y Galleti.San Pablo 1003, Santiago
Varsia, Alejandro V., San Pablo 2401, Santiago
Ventura, Hnos, Av. V. Mackenna 8, Santiago
Villaroel y Arellano, San Diego s-n, Santiago
Veir, Scott y Cia., Monjitas 869, Santiago
Ambra, Flaminio....Delicias 11, Santiago
Amora, Serafin..Av. Latorre 3453, Santiago
Andrew, Luis...San Martin 2, Concepcion
Anguita, H. Jose Tomas, Comercio 67A, Concepcion
Arestizabal y Cia., Comercio 103B, Concepcion
Bouttin, Juan M., Ignacio Serrano 31, Concepcion
Brechwoldt, Guillermo, Comercio 101B, Concepcion
Campos, Belesario, Caupolican s-n, Concepcion
Carstens, Schlotfeldt, Comercio 100C, Concepcion
Corrales, Victoriano, Angol 37C, Concepcion
Daube y Cia.....Maipu 40, Concepcion
Gleisner y Cia...Comercio 82, Concepcion
Goyeneche, Eugenio, y Cia, Caupolican s-n, Concepcion
Hanismendy y Cia., Comercio, Concepcion
Highet, Juan...Comercio 142, Concepcion
Hott, Luis.....Caupolican 24, Concepcion
Huth y Cia....O'Higgins 48B, Concepcion
Jones, Oswaldo y Cia., Comercio 45B, Concepcion

SPIRITS (WHOLESALE DEALERS)—Continued.

Martinez, U. Ignacio, Freire s-n, Concepcion
Muzante, Domingo, Las Heras esquina Paicavi, Concepcion
Neckelmann, Hnos, Comercio 49A, Concepcion
Roasenda, Juan B., San Martin esquina Lantaro, Concepcion
Rogers y Cia..Comercio 102A, Concepcion
Roni, Pedro.....Rozas 21, Concepcion
Schneider, Jorge, Comercio 239, Concepcion
Schovalin, A...Comercio 63A, Concepcion
Weir, Scott y Cia., Comercio 42, Concepcion
Huid, Antonio.....Malleco
Jara, Jose N.....Malleco
Pietrasanta, Javier.....Malleco
Burgos, Ismael.....Cantin
Figueron i Cia.....Cantin
Luckinger, Adan.....Cantin
Robles, Diego A.....Cantin
Carrera y Montero.....Valdivia
Adriazola, Elsodoro.....Valdivia
Exss, Gustavo.....Valdivia
Cormie, C.....Valdivia
Hame, Carlos.....Valdivia
Haefele, Alejandeo.....Valdivia
Ca telblanco, Amador.....Valdivia
Prochslle, Gustavo.....Valdivia
Benca, Mateo.....Valdivia
Roepke, Hnos.....Valdivia
Camino, Lacoste y Cia.....Valdivia
Haisser, Joyo.....Valdivia
Gonzalez y Garden.....Valdivia
Hormann y Cia.....Valdivia
Amori, Pio.....Valdivia
Bonta, Judn G.....Valdivia
Hing y Carrera.....Valdivia
Selle, Federico.....Valdivia
Schulz, Guillermo.....Valdivia
Bischoff, Carlos.....Valdivia
Richter, Ottman.....Valdivia
Robles, Borde J.....Valdivia
Wolck, Antonio.....Valdivia
Schilling y Cia.....Valdivia
Moreira, P.....Valdivia
Vogt, Victor.....Valdivia
Wiebrig, Carlos.....Valdivia
Ebersperge , Carlos.....Llanquihue
Oelkers, Hnos.....Llanquihue
Schminko, Gustavo.....Llanquihue
Braemer e Hijos.....Llanquihue
Hube y Achelis.....Llanquihue
Andrade, Ramon.....Chiloe
Hernichell, Julio.....Chiloe
Prudant, Eleodoro.....Chiloe

SPIRITS (EXPORTERS).

Bahne, Enrique....Blanco 209, Valparaiso
Figallo y Cia., Pablo, Yungay 225, Valparaiso
Fontaino, Ernesto..Blanco 368, Valparaiso
Marambio, Nicanor.Victoria 27, Valparaiso
Maupas y Brocquaire, G., Bustamante 37, Valparaiso
Medina, M. Victor.Cochrane 28, Valparaiso
Sotomayor y Cia...Blanco 268, Valparaiso
Wiegand y Cia Cochrane 26, Valparaiso
Passalacqua, Hnos, Exposicion 80, Santiago
Canales, Victoriano, Angol 376, Concepcion

SPIRITS (IMPORTERS).

Boinis, Rudolfo.....Tarapaca
Chinchilla M. y Cia.....Tarapaca
Clarke, P. G.....Tarapaca
Capella, Hnos.....Tarapaca
Folsch y Martin.....Tarapaca
Guerke, C.....Tarapaca
Gildemeister y Cia.....Tarapaca
Groothoff y Cia.....Tarapaca
Harrintong, Morrison y Cia.....Tarapaca
Heisse, Carlos E.....Tarapaca
Inglis, Lomax y Cia.....Tarapaca
La Aguada y Cia.....Tarapaca
Lewin, F. P.....Tarapaca
Landetta, A.....Tarapaca
Mac-Donnal y Cia.....Tarapaca
Malinarich, Hnos.....Tarapaca
Richardson, David.....Tarapaca
Pelle, J., y Cia.....Tarapaca
Sanchez, Eduardo.....Tarapaca
Schiavetti, Hnos, y Cia.....Tarapaca
Zaulli, E., y Cia.....Tarapaca
Agullo, Hnos, y Cia., Blanco 409, Valparaiso
Bahre, Enrique.....Blanco 209, Valparaiso
Bair, Roberto...Esmeralda 15, Valparaiso
Betteley y Cia.....Blanco 106, Valparaiso
Bushell, Alfredo, y Cia., Prat 15, Valparaiso
Cariola, Hnos.....Blanco 402, Valparaiso
Claude, Carlos L.....Prat 15, Valparaiso
Daube y Cia.....Prat 6, Valparaiso
Delpino y Andrade, Cochrane 88, Valparaiso
Duncan, H. J.....Blanco 304A, Valparaiso

SPIRITS (IMPORTERS)—Continued.

Ferro Sanguinetti y Cia,
Av. Brazil 68, Valparaiso
Fouck, Carlos y Cia,
Av. Brasil 38, Valparaiso
Fontaine, Ernesto....Blanco 368, Valparaiso
Grace, W. R. y Cia.....Prat 19, Valparaiso
Granello y Vaccaro..Blanco 114, Valparaiso
Huth y Cia.....Prat 29, Valparaiso
Lutgens, Roberto.....Prat 126, Valparaiso
Medina, M. Victor..Cochrane 28, Valparaiso
Neckelman Hnos.....Blanco 200, Valparaiso
Oehninger, Gustavo.Cochrane 59, Valparaiso
Reymers, Enrique....Blanco 341, Valparaiso
Reyna, Leonardo de.....Prat 8, Valparaiso
Rogers y Cia.....Blanco 298, Valparaiso
Severin Hnos y Cia.Cochrane 84, Valparaiso
Tusche, J.....Blanco 230, Valparaiso
Weir, Scott y Cia.....Prat 13, Valparaiso
Wiegan y Cia.....Cochrane 26, Valparaiso
Arestizabal y Cia.,
Bandera 523, Santiago
Aguiar, Braga y Cia.,
Agustinas 847, Santiago
Backer y Cia...San Antonio 262, Santiago
Blanchard, Alfredo,
Portal F, Concha 936, Santiago
Broudisson, Pedro...Estado 262, Santiago
Camino, Benito.....Estado 202, Santiago
Cazzote, Luis de,
Bandera 224, Santiago
Caro, Gumicindo (Sucesion),
Bandera 224, Santiago
Club de la Union....Bandera 312, Santiago
Chartes y Colvin,
Santo Domingo 971, Santiago
Dangles, E. Adolfo,
Ahumada 60, Santiago
Fernandez, Vicuña E.,
Bandera 155, Santiago
Genestier, Eugenio,
Huerfanos 948, Santiago
Gleisner y Cia...Compañia 1060, Santiago
Grace y Cia., W. R.,
Huerfanos 1075, Santiago
Medina, Mesa Arturo,
Bandera 184, Santiago
Medina, Romulo A.,
Santo Domingo 959, Santiago
Melossi y Cia., Alfredo,
Bandera 233, Santiago
Pierrette, Jorge Leon,
Delicias 2890, Santiago
Simpson, Carlos W...Estado 201, Santiago
Betteley y Ca....Comercio 44, Concepcion
Cornon y Schuzmann,
Blanco Eucalada s-n, Concepcion
Fagalde y Ca.,
S. Martin y A. Pinto, Santiago
Fonck, Carlos..Comercio 71A, Concepcion
Franklin y Ca.....Colon 180, Concepcion
Gleisner y Ca...Comercio 82, Concepcion
Grace y Ca., W. R.,
Comercio esq. H. Salas, Concepcion
Krause, O. y E...Comercio 82B, Concepcion
Krause, Oscar Hnos.....Concepcion
Lagos, B. Rogue....Colon 40, Concepcion
Mauger, Luis...Comercio 142, Concepcion
Merlet, Pablo.....Colon 22, Concepcion
Morla, Aureliano...Bulnes 14, Concepcion
Saavedra, Bernard, y Ca.,
Comercio esq. Rengo, Concepcion
Schwartz, Oscar.Comercio s-n, Concepcion
Weber y Ca....Comercio 47, Concepcion
Weir, Scott y Ca..Comercio 42, Concepcion
Bschoff, Carlos.....Valdivia
Camino, Lacoste y Cia.....Valdivia
Hormann y Cia.....Valdivia
Hottmar, Richter.....Valdivia
Robles, Borde J.....Valdivia
Prochello, Gustavo.....Valdivia
Schilling y Cia.....Valdivia
Vogt, Victor.....Valdivia
Siegle, Ricardo.....Valdivia
Aguiar, Graga y Cia.,
Cochrane 128, Valparaiso

SOAP AND CANDLE FACTORIES.

M[illegible]coleta, Rodolfo...A. Prat 1466, Santiago
M[illegible] Juan B.....Chiloe 1879, Santiago
Parr[illegible] Roberto,
Av. Penitenciaria S/N, Santiago
Reyes y Cia, Eduardo.Carmen 673, Santiago
Rubio, Tomas.....Andes 2099, Santiago
Saint, Jean.....Castro 649, Santiago
Trohat, Jorge.....San Martin 877, Santiago
Wittig, Guillermo.....Curico
Cruz, Eliseo.....Curico
Etchevers Hnos.....Curico
Borden, Edmundo....Tucapel I., Concepcion
Miche y Cia.....Pampa S/N, Concepcion

SOAP FACTORIES.

Barrios, Felipe A.....Tacna
Geywitz, Federico.....Tarapaca
Maitland, N. F.....Tarapaca
Radbil, Alejandro.....Antofagasta
Jorquera, Pablo.....Aconcagua
Moraga, Samuel.....Colchagua
Aliste, Jenaro.....Talca
Gomez, Francisco.....Talca

SOAP FACTORIES—Continued.

Castro, Candelario.....Talca
Muñoz, Juan.....Talca
Avalos, Florindo...Ongolmo 10, Concepcion
Borlando y Cia, Julio. Lincoyan 34, Concepcion
Dubarry, Marcelo....Maipu 118, Concepcion
Goyeneche y Cia, Eugenio,
Cochrane S/N, Concepcion
Pucci, Manuel....Las Heras 167, Concepcion
Roa, Jose del C..Cochrane 42A, Concepcion
Ustar, Victor.....Bio-Bio
Schüler Hnos.....Valdivia
Zerwekh, Federico.....Valdivia
Grassan, Augusto.....Llanquilhue

SOAP AND CANDLE FACTORIES.

Aguirre L. Daniel....Mapocho 351, Santiago
Amori, J.....Aldunate 1151, Santiago
Arredondo, T. Blas..San Diego 1173, Santiago
Burgalat, Gaston..Chacabuco 1292, Santiago
Caso v. de G., Delfina..A. Prat 711, Santiago
Clavel y Cia, Victor. Aldunate 1151, Santiago
Garan y Rosello...San Ignacio 748, Santiago
Gorret, Marcelo.....Delicias 2474, Santiago
Iturrieta, Angel..Arturo Prat 1490, Santiago
La Industrial...Delicias 3039 y
Carascal 3460, Santiago
Langier y Cia.....San Martin 877, Santiago
Canquelin, E.....Av. Brasil 79, Valparaiso
Compania Industrial,
Cochran 22 y Blanco 243, Valparaiso
Deicher, Juan.....Maipu 175, Valparaiso
Ketz, Jorge (Suc.)..Victoria 480, Valparaiso
Pereira Diaz y Cia,
Cerro del Litre 28, Valparaiso
Toledo, Elias,
Cerro Baron Castro 106, Valparaiso

TANNERIES.

Broussain y Larronde.....Coquimbo
Duharty, Etcheverry.....Coquimbo
Westermeyer, P.....Coquimbo
Westermeyer, German 2.o.....Coquimbo
Darricades Hnos.....Aconcagua
Greve, Jorge.....Aconcagua
Lafon Hnos.....Aconcagua
Briceño, Antonio,
Matadero, Pelie 22, Valparaiso
Doniez, Lorenzo,
Matadero, Nueva 13, Valparaiso
Gamboa, Lupio,
C. Baron, Placeres S/N, Valparaiso
Lafon Hnos, Pedro. Victoria 471, Valparaiso
Saint, Macary E.,
Tivola 98 y Victoria 511, Valparaiso
Aycaguez y Duhalde,
B. Guerrero 221, Santiago
Baeza, R. Adolfo...Sta. Rosa 1153, Santiago
Copene, Juan.....S. Diego 1376, Santiago
Drien, Augusto.....S. Diego 296, Santiago
Dugorret, Juan.....A. Prat 1908, Santiago
Elissegaray, Alfredo..S. Diego 743, Santiago
Etchegoyen, Miguel,
Independencia 608, Santiago
Etchepare, Juan M.,
Sama 1563 y Amunategui 914, Santiago
Goyetche, Pablo .....Rosas 1653, Santiago
Heimpell, Guillermo. Av. Matta 1036, Santiago
Lambert y Chicoineau,
B. Guerrero 261, Santiago
Maguere, Alcides,
Providencia 78 y Sama 1436, Santiago
Marinot y Lalanne.....Chiloe 1926, Santiago
Marinot, Jorge.....A. Prat 1171, Santiago
Patuelli, Juan.....S. Pablo 3999, Santiago
Pinochet, Alberto....S. Diego 1190, Santiago
Pizarro, Juan R.,
San Francisco 1340, Santiago
Quiroga, R. Mariano,
Nataniel esq. Franklin, Santiago
Sicca, Alfonso.....S. Diego 1957, Santiago
Ureta, Abraham.....S. Diego 1469, Santiago
Loustalot y Proharan.....O'Higgins
Cuevas, Juan Francisco.....Colchagua
Fernando, Conrado.....Colchagua
Cecereu, Ramon.....Colchagua
Haran, Pedro.....Curico
Magnere, Numas.....Curico
Cherean, Felix.....Curico
Lizana, Samuel.....Curico
Silva, Juan de Dios.....Curico
Reveco, Saturnino 2.o.....Curico
Arancibia, Onoire.....Talca
Arias, Vicente.....Talca
Bonet, Clemente.....Talca
Bravo, Exequiel 2.o.....Talca
Marinot, Carlos.....Talca
Marchant, Juan.....Talca
Azocar, Eugenio P.....Talca
Leon y Cia.....Talca
Vergara, Urbano.....Talca
Camalez, Pedro.....Linares
Alarcon Casiano del Carmen.....Linares
Morel, Elias.....Maule
Fernando, Besnier.....Nuble, Chillan
Besnier, Gustavo.....Nuble
Borden, Edmundo...Maipu 45H, Concepcion
Lacoste y Sary.....Rozas, Concepcion
Muñoz, Jose Santos,
Avenida Arturo Prat, Concepcion

TANNERIES—Continued.

Mahuzier Hnos,
Avenida Pedro Valdivia, Concepcion
Scharon, German,
Avenida Pedro Valdivia, Concepcion
Latsague, Julio.....Bio-Bio
Fournies, Emilio.....Bio-Bio
Sansour y Cia, Thibaut.....Bio-Bio
Wupper y Landsberger.....Aranco
Amestoy, Salvador.....Malleco
Massoc Hnos.....Cautin
Westermeyer, Luis.....Cautin
Anwandter Hnos.....Valdivia
Adriazola, Jose M.....Valdivia
Aguilar, Ricardo.....Valdivia
Asenjo, Guillermo.....Valdivia
Beckdorff, Rodolfo.....Valdivia
Ehrenfeld, German.....Valdivia
Ehrenfeld, Gustavo.....Valdivia
Gümpel, Santiago.....Valdivia
Hoffman, Pablo.....Valdivia
Höll, Conrado.....Valdivia
Kunstmann, J. y C.....Valdivia
Lunecke, Teodoro.....Valdivia
Martin, J. y C.....Valdivia
Noelke, Teodoro.....Valdivia
Ohde, Fernando.....Valdivia
Rudloff, Luis.....Valdivia
Schmidt, Pedro.....Valdivia
Schüler Hnas.....Valdivia
Werkmeister, S.....Valdivia
Dietz, Pedro.....Llanquihue
Pieper, Carlos.....Llanquihue
Rosa, Juan.....Llanquihue
Wellmann, Godofredo.....Llanquihue
Kresel, Jose.....Chiloe
Sustacha y Cia, Matias.....Tacna

TAR FACTORIES.

Silva, Elia.....Sta. Elena S/N, Valparaiso

THREAD FACTORIES.

Capella Hnos.....Tarapaca
Hernandez y Bumiller.....Tarapaca
Bernan, Jorge.....Bellavista 197, Santiago
Compañia Cervecerias Unidos..Limache y
Cousiño, Providencia y Huerfanos 2951,
Santiago
Ebner, Andres,
Independencia 545, Santiago
Horstmann, Federico,
Esperanza 1247, Santiago
Matte, Ricardo.....Bellavista S/N, Santiago
Röth, Desiderio.....Bellavista 15, Santiago

TOY STORES.

Burmeister y Cia,
Plaza Anibal Pinto 55, Valparaiso
Gundenshmager y Cia.Condell 73, Valparaiso
Lama, Gabriel,
Portal F. Concha 14 y Estado 120, Santiago
Köhme, Guillermo....Delicias 819, Santiago
Kraus Hnos.....Ahumada 109, Santiago
Riveros, Jose H.,
Portal F. Concha 968, Santiago

WAREHOUSES (FOR THE PRODUCTS OF THE COUNTRY).

Hax, Jorge.....Valdivia
Heufemann, Hnos.....Valdivia
Rodenas, F. A.....Valdivia
Volcke, Antonio.....Valdivia
Ebensperger, Carlos.....Llanquihue
Wiederhold, Carlos.....Llanquihue
Perez, Lucas.....Chiloe
Bunster, Pacomio.....Coquimbo
Diaz, Jeronimo.....Aconcagua
Figueroa e Hijo, Bartolome....Aconcagua
Guzman, Samuel.....Aconcagua
Mardones, Manuel C.....Aconcagua
Parreño y Hnos, Transito.....Aconcagua
Quiroz, Eufrasio.....Aconcagua
Toledo, J. C.....Delicias 157, Valparaiso
Tornero, V. S.....Yungay 20, Valparaiso
Torres y Cia.....Yungay 240, Valparaiso
Torres, Evaristo.....Yungay 240, Valparaiso
Triviño, Maria.....Maipu 138, Valparaiso
Ulloa, Jose P.....Santiago 300, Valparaiso
Valenzuela, N....San Martin 46, Valparaiso
Vallarino y Cambiaso..Olivas 55A, Valparaiso
Valle, Jean,
Avenida Errazuriz 14P, Valparaiso
Varas, Emilio.....Maipu 185, Valparaiso
Vargas, Jose V.....Yungay 205, Valparaiso
Vasquez, Jose...Las Heras 143A, Valparaiso
Vega y Castillo...Chacabuco 354, Valparaiso
Veliz, A...Cumming, Pasaje 117, Valparaiso
Vera v de R., Luisa,
Buenos Aires 6, Valparaiso
Villablanca, S.....Colegio 66, Valparaiso
Villalobos, J..Pasaje Santiago 20, Valparaiso
Villas y Cia.....Blanco 87, Valparaiso
Villarreal, P...Independencia 12, Valparaiso
Villaseca, Rosendo,
San Ignacio 120, Valparaiso
Villegas, David.....Blanco 47, Valparaiso
Voduizza, Nicolas...Yungay 276, Valparaiso
Yañez, Basilio.....Maipu 209, Valparaiso
Zamora, Santiago.....Merced 78, Valparaiso

WAREHOUSES—Continued.

Alarcon, Jose L.,
E. Ramirez 1249, Santiago
Alcalde, Julio M...Rodriguez 60, Santiago
Allende, Olegario,
Chacabuco 52A, Santiago
Arancibia, Eleodoro,
Bandera 761, Santiago
Aravend, Antonio..Chacabuco 7, Santiago
Arredondo J., Blas,
San Diego 1196, Santiago
Aubele, Antonio..Chacabuco 18A, Santiago
Barahona, Luis A.,
San Diego 1448 y Capital 57, Santiago
Matta, Carlos.....Maipu 66, Santiago
Mate de Luna, Manuel,
Exposicion 122, Santiago
Meneses, Eleodoro,
Exposicion 314, Santiago
Mertel y Cia.....Exposicion 262, Santiago
Middleton, Eduardo,
Esperanza 103, Santiago
Miguel, Francisco,
Chacabuco 13, Santiago
Mola, Augusto...Exposicion 86, Santiago
Molina, Manuel J..Delicias 2701, Santiago
Moncada, Agustin,
Chacabuco 952, Santiago
Montenegro, Benito..Molma 640, Santiago
Montes de Oca, Benjamin,
Avenida C. de Marte 47, Santiago
Morales, Jose D...San Diego 701, Santiago
Navarrete, Concha Hnos,
Exposicion 230, Santiago
Navarrete, Oscar.San Pablo 2902, Santiago
Niedbaslsky y Cia....Capital 503, Santiago
Oddo, Waldo...San Pablo 2071, Santiago
Oppisso, Felipe...Matucana 841, Santiago
Ortuzar, Alfredo....Libertad 64, Santiago
Oyaneder, Antonio,
San Ignacio 531, Santiago
Pacheco, Clodomiro,
ndependencia 228, Santiago
Passalacqua, Hnos
Exposicion 80, Santiago
Patri, A.....Teatinos 740, Santiago
Pellisa, Luis.....Exposicion 16, Santiago
Poggi, Luis.....Delicias 2496, Santiago
Porter, Carlos.....Catedral 3137, Santiago
Puig, Bartolome,
San Diego 1291 y 1681, Santiago
Quiroz, Jose...San Diego 2083, Santiago
Ranirez, Ignacio..Exposicion 250, Santiago
Rio, Pedro del.....Galvez 355, Santiago
Rios, Francisco.....Molina 701, Santiago
Riguelme, Pedro N.,
Matucana 61A, Santiago
Bersano y Roma...Delicias 3223, Santiago
Bonta, Guillermo...Recoleta 385, Santiago
Campos y Rojas..Sta. Rosa 1597, Santiago
Carvallo, Carlos...Delicias 2596, Santiago
Castillo, Juan.....Exposicion 88, Santiago
Castillo, Nabor...San Diego 701, Santiago
Castro, Rodolfo....Libertad 537, Santiago
Cornejo, Recaredo,
San Pablo 3239, Santiago
Correa y Toro, Jose G.,
Matucana 59A, Santiago
Donoso, Jenaro...Delicias 2128, Santiago
Donoso, Justo,
Av. C. de Marte 47, Santiago
Dufey, Roberto..San Antonio 866, Santiago
Echevorria, Florencio,
Delicias 3213, Santiago
Escobar, Juande D.,
M. Montt 2665, Santiago
Estefania, Luis.....Libertad 745, Santiago
Fernandez, G. Jose,
S. Ignacio 1390, Santiago
Gilardino y Cia., Eduardo,
Delicias 2660, Santiago
Gottz, Luis F.....Chiloe 1647, Santiago
Guerra, Antonio,
San Vicente 401, Santiago
Henriquez, Exequiel,
San Diego 928, Santiago
Juarez y Cia.....Exposicion 202, Santiago
Kukoy y Cia., Victor,
M. Montt 3000, Santiago
Labbe, Benjamin....A. Prat 141, Santiago
Labra, Ernesto.....Nataniel 902, Santiago
Larrain, A. Francisco,
Exposicion 548, Santiago
Larrain, Isidoro..San Pablo 2028, Santiago
Ledermann y Maggi...Capital 506, Santiago
Leniz Pedro.....Delicias 3019, Santiago
Letelier y Cia....Exposicion 170, Santiago
Lopez, Jose M.....Bandera 896, Santiago
Lopez, Vicente,
Avenida Matta 796, Santiago
Luriseau, Julio...San Diego 486, Santiago
Rudolphi y Delfin...Chacabuco 73, Santiago
Ruiz, Diego.....Libertad 10, Santiago
Ruiz y Gaete.....Vergara 673, Santiago
Salas Hnos y Cia..Exposicion 192, Santiago
Sanchez, Eugenio....Aldunate 902, Santiago
Schiavetti Hnos....Exposicion 192, Santiago
Seco, Alejandro...San Pablo 2648, Santiago
Sierralta, Carlos.....Libertad 13, Santiago
Silva, Juan N.,
Camilo Henriques 396, Santiago

WAREHOUSES—Continued.

Surisean, Julio.....San Diego 486, Santiago
Tornero, Victor y Santos,
Delicias 1274, Santiago
Undurraga Hnos....Exposicion 98, Santiago
Valenzuela, Pedro N..Toesca 2498, Santiago
Varas Hnos.....Chacabuco 28, Santiago
Vasquez, Amadeo....Delicias 3031, Santiago
Vasquez, J. Rufino...Delicias 3031, Santiago
Tagle, Velasco y Cia.....Maipu 60, Santiago
Verbal, Alfredo....San Pablo 2202, Santiago
Vicuña, Ramiro....Hermanos 298, Santiago
Villagran, Nicanor 2.o..Bulnes 713, Santiago
Zamora, Manuel J..San Pablo 3149, Santiago
Zamora, Serafin...San Pablo 3271, Santiago
Zuñiga, Napoleon..Chacabuco 18A, Santiago
Bunster, Jose.....Cautin
Bustos, Salvador.....Cautin
Bustos, Osvaldo.....Cautin
Cornely, Lorenzo.....Cautin
Mackay y Cia, Guillermo.....Cautin
Manriguez y Riquelme.....Cautin
Recart, Marcial.....Cautin
Robles, Diego A.....Cautin
Verges, Juan Bautista.....Cautin

WAREHOUSES FOR CONSIGNMENTS.

Barros y Cia.....Exposicion 540, Santiago
Bodegas del Blanco Mobilario..Plazuela
de los Ferrocarriles del Estado, Santiago
Bories, Gilberto....San Diego 488, Santiago
Castillo, Juan F.....Exposicion 84, Santiago
Correa, Jose.....Matucana 61, Santiago
Donoso y Cia.....Delicias 1887, Santiago
Echeverria, Florencio..Delicias 3213, Santiago
Gandarillas, Jorge..San Borja 159, Santiago
Gomez, G. Agustin.....La Vega, Santiago
Gottz, Felipe.....Chiloe 1647, Santiago
Guilardino y Cia...Exposicion 202, Santiago
Guzman, Santiago....Delicias 1757, Santiago
Laiseca y Cia.....Ecuador 3524, Santiago
Lara, Coriolano.....Chacabuco 12, Santiago
Lira, Pedro.....Libertad 64, Santiago
Mackenna, Juan.....Delicias 2197, Santiago
Mendez, C. Carlos.....Castro 40, Santiago
Morand, Augusto..Chacabuco 30B, Santiago
Muñoz, Jose.....Delicias 2921, Santiago
Oherens, Julio.....Chiloe 1378, Santiago
Portus, Victor A.....Prat 485, Santiago
Reyes y Larrain.....Delicias 2312, Santiago
Rios, G. Gregorio.....Castro 43, Santiago
Rubio, Jose Manuel,
San Antonio 829, Santiago
Salcedo, Rafael A.....Prat 987, Santiago
Ureta, Emeterio....Exposicion 997, Santiago
Vasquez, Amadeo....Delicias 2931, Santiago

WAREHOUSES (FOR CONSIGNMENTS AND FOR PRODUCTS OF THE COUNTRY).

Gonzalez, Juan de Dios..Jaime 142, Valparaiso
Gonzalez, Luisa.....Clave 31F, Valparaiso
Guasch y Cia,
Yungay 8 y Victoria 18, Valparaiso
Gunther, Enrique,
Salvador Donoso 9, Valparaiso
Guzman, Carlos..5 de Abril 31A, Valparaiso
Henckens, Francisco..Condell 130, Valparaiso
Herrera y Devoto....Merced 71, Valparaiso
Herrera, Jose A.....Maipu 241, Valparaiso
Hinojosa, Pedro H..Condell 96C, Valparaiso
Hrömada y Cia.....Yungay 127, Valparaiso
Humeres, Jose S.....Tivola 25, Valparaiso
Jamett, A..Jeneral Bustamente 22, Valparaiso
Jamett, Bonifacio....Merced 158, Valparaiso
Jerez, Juan G.....Bustamente 8, Valparaiso
Jeria, Francisco,
Avenida Portales 111B, Valparaiso
Jeria, Guillermo..Av. Portales 96, Valparaiso
Jeria, J. M. C.,
C. Baron Carrera 28, Valparaiso
Jimenez, Evaristo....Blanco 18K, Valparaiso
Jimenez, Guillermo...Merced 13, Valparaiso
Jimenez, Jerardo..Yungay 238B, Valparaiso
Jimenez, Manuel.....Maipu 46A, Valparaiso
Kass, Santiago,
Independencia 406, Valparaiso
Kass, Ovalle P.....Blanco 521, Valparaiso
Koterock, Lassin....Serrano 812, Valparaiso
Kohl, Guillermo.....Maipu 206, Valparaiso
Laguna, Jose.....Maipu 184, Valparaiso
Laso, Luis A.....Jaime 83, Valparaiso
Leiva, Rodolfo.....Clave 33, Valparaiso
Leiva y Soffia.....Molina 7, Valparaiso
Leon y Cia.....Victoria 390, Valparaiso
Lobos, Juan....Av. Errazuriz 40, Valparaiso
Lopez, A.....Independencia 32, Valparaiso
Lopez, Cipriano....Cochrane 268, Valparaiso
Leighton, Victor...Las Heras 65, Valparaiso
Lueje, F. Gaspar..Chacabuco 361, Valparaiso
Llano, David....Av. Brasil S/N, Valparaiso
Madariaga, Clodomiro,
Yungay 123, Valparaiso
Maillard y Labrouse,
Yungay 187 y Maipu 226, Valparaiso
Mangiant, Nicolas...Yungay 252, Valparaiso
Marambio, E.....Arrayan 39, Valparaiso
Marambio, Nicanor..Victoria 27, Valparaiso
Marambio, O.....Cochrane 147, Valparaiso

WAREHOUSES—Continued.

Mardones, Baldovino..Arrayan 48, Valparaiso
Maupas y Broquaire, G.,
Bustamente 37, Valparaiso
Maureira, M.....Molin 5, Valparaiso
Mendoza, Moises..Chacabuco 294, Valparaiso
Merino, Manuel A....Jaime 183, Valparaiso
Mesa, Pedro.....Chacabuco 294, Valparaiso
Millot, Manuel.....Merced 126A, Valparaiso
Minimo, Maximo....Hospital 62, Valparaiso
Molino y Cia, L. A.,
Av. Brasil 13 y S. Ignacio, S., Valparaiso
Montelvachi, V....Hospital 220, Valparaiso
Montenegro, Juan....Yungay 1D, Valparaiso
Morales, Jose P....Hospital 162, Valparaiso
Montenegro, Martin...Olivas 13, Valparaiso
Morelli, Vicente. .Yungay 56, Valparaiso
Muñoz, Arturo.....Colon 45, Valparaiso
Muñoz, Romulo.....Retamo 72, Valparaiso
Muñoz, Vicente.....Piramede 42, Valparaiso
Nagel, Roberto.....Yungay 37, Valparaiso
Nagel y Bischoffhausen,
Blanco 274, Valparaiso
Neckelmann Hnos,
Av. Errazuriz 377, Valparaiso
Neira, Maria..Pasaje Santiago 296, Valparaiso
Nillsen y Cia.....Blanco 70, Valparaiso
Nodrizza, Nicolas...Yungay 276, Valparaiso
Noguera, Vives y Cia,
Errazuriz 429, Valparaiso
O. v de Yañez, C.....Clave 9, Valparaiso
Ognio, Luis.....Carampangue 2, Valpaariso
Ognio, Natalio..... Blanco 137, Valparaiso
Olivares y Lopez....Cochrane 3, Valparaiso
Orellana, Ester.....Maipu 35, Valparaiso
Ortiz, Juan.....Chacabuco 498, Valparaiso
Osorio, Teresa.....Maipu 199, Valparaiso
Pacheco, Elvira.....Maipu 134A, Valparaiso
Parra, P.....Independencia 35A, Valparaiso
Passalaqua Hnos.....Tivola 60, Valparaiso
Passarini, Isaac..C. de la Cruz 44, Valparaiso
Pavez, Jose del C....Yungay 5C, Valparaiso
Perez, Manuel.....Yungay 111, Valparaiso
Pizarro, Isidro.....Merced 20, Valparaiso
Pizarro, Salvador.....Olivar 73, Valparaiso
Ponce, Marcelino,
Independencia 45, Valparaiso
Pozo, Jeronimo.....Yungay 496, Valparaiso
Puebla, Manuel...Sta Elena 114, Valparaiso
Quezada, Ignacio...S. Martin 15, Valparaiso
Raffo Hnos.....Chacabuco 360, Valparaiso
Ramirez, J. D. 2.o...Yungay 248, Valparaiso
Ramos, Cirilo.....Blanco 34, Valparaiso
Reguera y Cia.....O'Higgins 25, Valparaiso
Reina, Manuel.....Maipu 369, Valparaiso
Reyes, Benito.....Yungay 308, Valparaiso
Rios, G. M.....S. Donoso 47B, Valparaiso
Risso, Bartolo.....Tivola 49, Valparaiso
Rivera, J. Andres..S. Martin 41, Valparaiso
Rivera, Juan..... Yungay 182, Valparaiso
Rivero, L.....G. Bustamente 71, Valparaiso
Riveros, Marcial....Yungay 170, Valparaiso
Roberi, Angel S.....Jose 119, Valparaiso
Rodriguez, J..Matadero,
Avenida Valparaiso 41, Valparaiso
Rodriguez, I... Clave, Pasaje 2, Valparaiso
Rodriguez, P. I. .Chacabuco 19, Valparaiso
Rodriguez y Rosas..Chacabuco 19, Valparaiso
Romo, D... .Cochrane 286, Valparaiso
Ross, Eduardo.....Victoria 53C, Valparaiso
Rozas, Jose W., y Cia,
Yungay 354, Valparaiso
Rozas, Jose M.....Yungay 157, Valparaiso
Saavedra, Andres.....Merced 7, Valparaiso
Sanfuentes, E. S.,
Salvador Donoso 15, Valparaiso
Sanguinetti Hnos.....Blanco 41, Valparaiso
San Martin, M... Yungay 133E, Valparaiso
Schiavetti Hnos..Avenida Errazuriz 369,
Yungay 201B, Merced 19 y
Errazuriz 385, Valparaiso
Schivetti, Mauricio y Cia,
Av. Errazuriz 423 y Merced 68, Valparaiso
Senadrito, J....A. Errazuriz 18, Valparaiso
Serey, Emeterio.....Tivola..19, Valparaiso
Silva, Benjamin.....Tivola 23, Valparaiso
Silva, Fermin.....Victoria 425, Valparaiso
Silva, Gumersindo.....Jaime 111, Valparaiso
Silva, Hilario,
Avenida Portales 43, Valparaiso
Silva, Moises....San Ignacio 28, Valparaiso
Silva, Rodolfo.....Tivola 52, Valparaiso
Skarpa, F P, Salvador Donoso 59, Valparaiso
Sorbera, Feliciano...Blanco 63A, Valparaiso
Soto, Arturo.....Colegio 16, Valparaiso
Soto y Giocochea....Yungay 188, Valparaiso
Soto, Mercedes,
Independencia 249A, Valparaiso
Soza, Serafino.....Delicias 18, Valparaiso
Stehn, H.....Olivar 1C, Valparaiso
Tapia y Alvarez.....Clave 4, Valparaiso
Tapia, Isidro.....Tivola 47, Valparaiso
Tello, B..General Bustamente 4, Valparaiso
A. v de Canales, Teresa,
Playa Ancha 84, Valparaiso
Acevedo, Remigio,
Independencia 379B, Valparaiso
Aguirre, Eugenio....Colegio 39A, Valparaiso
Aguirre, Micaela.....Buin 81, Valparaiso
Alonso, Fabian.....Yungay 230, Valparaiso

WAREHOUSES—Continued.

Alvarado, J. de la C.,
B. Pudeto S/N, Valparaiso
Appelgren y Cia,
Av. Errazuriz 469, Valparaiso
Arancibia, Desiderio..Yungay 20, Valparaiso
Aravena, Jose.....Tivola 118, Valparaiso
Araya, Basilio S.....Ignacio 121, Valparaiso
Araya, Clotilde C..Baron Aceo 88, Valparaiso
Araya y Cortes..Chacabuco 101, Valparaiso
Arellano, Camilo,
San Martin 15B, Valparaiso
Arredondo, Jose....Maipu 137A, Valparaiso
Aspillaga, Eduardo..Condell 116, Valparaiso
Azocar, Jose C,
Merced, Capilla 84, Valparaiso
Balcena, Otoniel.....Blanco 43, Valparaiso
Baltra, Fernando..Coronel Urriola 8 y
Chacabuco 404, Valparaiso
Barbagelata, Agustin,
Yungay 171, Valparaiso
Barbera, R.....Yungay 31, Valparaiso
Bastias, Lindor.....Tivola 31, Valparaiso
Bettancourt, Francisco,
Merced 51 y Yungay 284, Valparaiso
Bolivar, Andres.....Maipu 181, Valparaiso
Boonan, Juan G...Cochrane 209, Valparaiso
Brito, Anacleto.....Olivar 1F, Valparaiso
Buin, Justino.....O'Higgins 15, Valparaiso
Calderon, Maria....Hospital 103, Valparaiso
Cabren, Carlos...Chacabuco 262, Valparaiso
Caltagnal y Cia.....Merced 91, Valparaiso
Calle, Julio.....Santa Elena 72, Valparaiso
Campos, S.,
C. Baron S. Francisco 56, Valparaiso
Campusano, J. D.....Olivar 1F, Valparaiso
Cancino, Amador...Hospital 151, Valparaiso
Canessa, Agustin...Hospital 137, Valparaiso
Canessa, Manuel.....Matriz 12, Valparaiso
Canto, Anselmo del,
Chacabuco 29A, Valparaiso
Capuro Hnos.....Av. Brasil 79, Valparaiso
Cardemil, Nicomedes..Tivola 19, Valparaiso
Cartajerone, H. Juan..Merced 89, Valparaiso
Carvacho, Hilaria..Delicias 70D, Valparaiso
Carvacho, Pio.....Delicias 40, Valparaiso
Carvajal, Abelardo..Yungay 353, Valparaiso
Casal, Alberto.....Delicias 277, Valparaiso
Castagneto, Miguel,
Independencia 268, Valparaiso
Castillo, Javier.....Merced 92, Valparaiso
Castillo, Luis 2.o..Chacabuco 354, Valparaiso
Castalan, Eugenio....Merced 145, Valparaiso
Catani, P.....Blanco 24, Valparaiso
Cedra, Nicolas..Av. P. Ancha 45, Valparaiso
Contador, Jose.....Olivar 18, Valparaiso
Conte, F.....Blanco 519, Valparaiso
Cornejo, Juan.....Maipu 39, Valparaiso
Covacevich, Antonio..Yungay 258, Valparaiso
Corvalan, Marco.....Olivar 14, Valparaiso
Crovetto, H.....Yungay 133A, Valparaiso
Crovetto, Juan.....Olivar 1F, Valparaiso
Cruz, Manuel.....Yungay 111, Valparaiso
Chaufier, Julio..Independencia 16, Valparaiso
Dalbora, Jose.....Maipu 217, Valparaiso
Davinson, Pablo.....Blanco 30, Valparaiso
Delgado, P..C. Baron Acev 75, Valparaiso
Demartini y Cia.....Merced 157, Valparaiso
Devoto, Francisco....Blanco 349, Valparaiso
Diaz, Sucesion..Independencia 100, Valparaiso
Duncan, Fox y Cia,
Av. Errazuriz 445, Valparaiso
Duque v de Pereda,
Av. Brasil 115, Valparaiso
Duran, Carreño Daniel,
Tivola 75, Valparaiso
Escalante, F. C.,
Carcel, Cumming 73, Valparaiso
Escobar, Marcial,
Tivola 33 y Yungay 318, Valparaiso
Escudero, P.,
C. Baron S. San Francisco 50, Valparaiso
Espinosa, J. F. J.,
Bustamente 56A, Valparaiso
Evaristo, Herminias..Maipu 146, Valparaiso
Feliu, H. Guillermo,
San Ignacio 44, Valparaiso
Feliu y Lopez.....Yungay 66, Valparaiso
Femerias, Lorenzo..Cochrane 235, Valparaiso
Fernandez, Pedro..O'Higgins 91, Valparaiso
Ferrari y Brusson..Tivola 106A, Valparaiso
Ferreccio, D.....Clave 11, Valparaiso
Ferreccio y Silvando...Jaime 60, Valparaiso
Figueroa, Ambrosio, Av Brasil 83, Valparaiso
Figueroa, Candelario..Merced 112, Valparaiso
Figueroa, Emilio,
Cerro Baron Acev, 68, Valparaiso
Figueroa, J. A.,
Av. San Juan de Dios 58, Valparaiso
Figueroa, Rosa..Independencia 16, Valparaiso
Finlay y Yool..Avenida Brasil 57, Valparaiso
Flores, Clorinda.....Maipu 123, Valparaiso
Duchs, Jorge.....Blanco 78, Valparaiso
G. v de Herrara, C..Yungay 306, Valparaiso
Gaete, Rosa.....Delicias 39, Valparaiso
Gallardo, Rosa..Independencia 82, Valparaiso
Garcia, Saturnino.....Maipu 18, Valparaiso
Gatica, Jose A.,
Salvador Donoso 77, Valparaiso
Goicolea y Soto.....Yungay 276, Valparaiso

WAREHOUSES—Continued.

Gonzalez, Feliciano....Olivar 24, Valparaiso
Gonzalez, Jose Domingo,
Cerro Alegre Hospital 44C, Valparaiso

WOOLEN AND CASHMERE STORES.

Bouhon y Rouby.....Concepcion
Haran Hnos.....Comercio 162, Concepcion
Herve y Berrogain..Comercio 65, Concepcion
Mauger, Luis.....Comercio 142, Concepcion
Vallejo y Cia, M..Comercio 102F, Concepcion

WALL PAPER STORES.

Jimenez, viuda de.....Tacna
Frigerio, Cesar.....Catedral 1033, Santiago
Leon, Adolfo.....Estado 43, Santiago
Lopez, Alberto.....Estado 337, Santiago
Erasmo, Molina.....Delicias 461, Santiago
Vega, Eleazar.....Delicias 1114, Santiago
Argain, J., y Ca.....Condell 144, Valparaiso
Bowden, Carlos O..Esmeralda 1, Valparaiso
Canessa, Carlos.....Victoria 219, Valparaiso
Curphey, M. R. S..Esmeralda 39, Valparaiso
Ferraz, Adolfo.....Serrano 27, Valparaiso
Frias, Alberto.....Victoria, Valparaiso
Lewellyne, Samuel..Victoria 274, Valparaiso
Mantellero, Silvio....Victoria 22, Valparaiso
Petronio, Enrique....Serrano 41, Valparaiso
Reyna, Manuel.....Clave 35A, Valparaiso
Sanz, Ponciano.....Blanco 177, Valparaiso
Barbato, Miranda y Cia,
Estado 157, Santiago
Bouhon y Rouby..Compañia 1001, Santiago
Campos, Jose E.....Puente 634, Santiago
Falabella, Cosme.....Estado 127, Santiago
Falabella Hnos.....Estado 27, Santiago
Falabella, Salvador..Ahumada 78, Santiago
Länger, Federico....Ahumada 168, Santiago
Gaete, Robinson.....S. Diego 218, Santiago
Murua, Manuel....Compañia 1011, Santiago
Muzard, Viuda de....Moneda 957, Santiago
Novoa, Julio.....Compañia 1023, Santiago
Ormezzero, Luis..21 de Mayo 597, Santiago
Peña, Tomas P.....Estado 98, Santiago
Rocco, J.....Compañia 1007, Santiago
Saenz, Gregorio....San Diego 678, Santiago
Villarroel, Manuel..Compañia 1011, Santiago

WOOLEN AND CASHMERE IMPORTERS.

Fellman y Cia.....Blanco 326, Valparaiso
Guerin Freres,
Av. Errazuriz 219 y Blanco 350, Valparaiso
Muzard, viuda de....Condell 65, Valparaiso
Tirmermann y Cia..Av. Brasil 62, Valparaiso
Bouhon y Rouby.....Rosas 1040, Santiago
Fellmer y Cia.....Monjitas 818, Valparaiso
Guerin Freres.....Monjitas 826, Santiago
Kapelusz y Cia.....Monjitas 804, Santiago
Muzard, Viuda de....Moneda 957, Santiago
Oper, Jorge.....Delicias 3087, Santiago
Timmermann y Cia..Monjitas 831, Santiago
Thieroldt, Juan.....Monjitas 865, Santiago
Bouhon y Rouby.....Concepcion
Fellmer y Cia...Comercio 102D, Concepcion
Guerin Freres..Campolican 120 A, Concepcion
Timmermann y Cia,
Comercio 47A, Concepcion

GENERAL INDEX.

A

Abbreviations 198
Accordions and harmoniums..... 299
Acid, boric..... 294
citric 294
carbolic 294
fluorhydric 294
muriatic 294
nitric 294
oxalic 294
oleic 295
phosphoric 294
various 295
sulphuric 294
Acid, sulphuric..... 332
Aerometer and hydrometer..... 302
AGATE..... 171
AGRICULTURE.....60—86, 80
Agriculture 314
Aguardiete 331
Air pumps..... 303
ALABASTER..... 170
ALPACA 77
ALIMENTARY PRODUCT EXPORTS.....319, 326
Albums 282
Alcohol 331
Alcohol, pure..... 289
methelic 295
Alcoholates 292
Alimentary products..... 224
Alkaloids and their salts..... 295
Almanacs 282
and printed books for apothecary shops 283
Almonds 208, 223
Almond oil..... 291
Alum 295, 332
chromium 295
Aluminium 295
in sheets..... 239
for articles..... 240
for books, small..... 244
Alphabets, letters and numbers.....239, 282
Amber mouthpieces and holders..... 218
imitation 247
AMERICAN BANK IN CHILE..... 183
Ammonia, liquid..... 295
carbonate 296
salts 298
ANALYSIS OF CHILEAN COAL..... 156
ANIMALS (LIVE) EXPORT..... 319
ANTIMONY 167
Ammunition 314, 315
for hunting..... 315
Anchors and kedges..... 299
Animal debris..... 321
products 334
Aniseed 208
Aniline 280
alizarine 280
Anise 289
Animals, miscellaneous..... 199
Animal matter (articles of, for chemists) 292
Animal products..... 319
Antimony and its salts..... 295
Anvils, iron and steel..... 306
for blacksmiths..... 313
Apparel, cut not sewn..... 262
Applies, dried..... 324
with seed 324
various 325
Aprons and sweaters..... 270
Apparatus for making hydrogen..... 306
ARDEA EGRETA 78
ARMY .....38—57
Arms 314, 315
Articles not specified..... 272
Armament for the State..... 314
Arsenic 295
Art, objects of..... 334
Arts and sciences..... 298
Asphalt or bitumen..... 279
Axes or hatchets..... 304
Axles for vehicles..... 232
Asbestos or amianthus, whole or in powder 246
boards or sheets..... 246
cables 247
composition for covering boilers..... 247
Asses 198, 319
Augers and drills for perforating rocks.. 303
Awnings, etc..... 203
Awnings or tents.....256, 263, 267
Axles, auriferous, gold and copper..... 329
copper, silver or gold..... 329
copper 329

B

Babbits, metal..... 244
Baggage 317
Bags, school..... 204
Balsam 292
Bands or belts, abdominal.....257, 272
Bands 26
of wool and mixture, for girths..... 268
elastic, for paper..... 215
Bank notes..... 316
BANCO DE TALCA..... 51
BANCO DE CURICO..... 51
BANCO GARANTIZADOR..... 48
BANCO DE SANTIAGO..... 48
BANCO DE LA REPUBLICA..... 49
BANCO INDUSTRIAL DE CHILE Y FRANCIA. 49
BANCE HIPOTECARIO DE CHILE..... 50
BANKS 46
BANK, PEOPLES'..... 50
BANK OF CHILE..... 47
BANK, NATIONAL..... 47
BARLEY 66
bonds, or mortgage deeds..... 283
Barometers 299
Bark, larch..... 327
Lingue 327
Quillay 327
Barley coffee, ground..... 211
Barley 323
malted 323
Barrels and casks..... 219
Bars of small iron..... 303

Barrels and casks..... 303
Bars or cylinders for cutting nuts and bolts..... 240
Barytes..... 295
Baskets..... 327
Baskets and cradles of rattan or willow.. 216
Bath gowns..... 257
shower..... 228
Baths or footpans of beaten iron..... 228
of galvanized iron..... 228
of iron or porcelain..... 228
Baths or footbath..... 240
Braziers or caldrons, etc..... 241
Baizes..... 267
BEANS.....66—67
BEES..... 79
BEVERAGE EXPORTS..... 331
Beams of oak..... 328
Beans, French..... 324
Beans..... 209
Beaters or colanders, trays, etc..... 228
galvanized..... 228
Bedspreads, quilts, eiderdowns..... 258
Bedspreads or counterpanes, not quilted or embroidered..... 273
Bedspreads or eiderdowns, stuffed with feathers or cotton..... 273
Beef, jerked.....199, 319
salt..... 319
Beef, salt..... 319
jerked..... 319
corned..... 319
preserved..... 319
Beer.....289, 328
Beer..... 331
coloring..... 327
Bellows for using sulphur..... 304
Bells..... 229
for door or table..... 246
of bronze or composition..... 241
hand..... 242
electric hand..... 242
Belts.....258, 273
for women, girls and children.....205, 273
abdominal..... 268
Belting for machinery..... 265
for engines..... 306
Benzine, common..... 278
rectified..... 278
Beverages and liquors.....288, 291, 334
BIRDS..... 78
BISMUTH (TIN, GLASS)..... 167
Bicarbonate for manufacture..... 295
Bicromate of potash..... 295
Bicycles or velocipedes with pneumatic tires..... 313
Billiard tables..... 317
balls..... 316
cue tips..... 318
Bits..... 228
iron or steel..... 228
Bitters..... 289
Bitumen or asphalt..... 279
Biscuits and ship biscuits.....212, 326
Bismuth, its salts..... 296
Blacking, for shoes, polish or paste..... 279
for shoes, liquid or varnish..... 279
for harness or carriages..... 279
or copper and bronze wash for harness 279
Blankets, shawls and rugs for travelling. 261
Blankets.....259, 269, 274
Blankets..... 333
or coverlets for travelling..... 269
common..... 269
superior..... 269
Blinds, lattices for windows..... 230
and Venetians..... 222
BOELO..... 71
BORAX INDUSTRY..... 160
BORAX (BORATE OF CHALK)..... 160
Blocks or pulleys..... 231
for hats.....263, 271
and pulleys..... 220
Blowers for blacksmiths..... 307
Boas of lace, for ladies..... 274
Boards..... 223
Boards for chests..... 328
of rauli..... 328
for joinery..... 223
for small frame work..... 223
for making cigar boxes..... 223
for laundries, tailors or hatters..... 312
with springs for letters or bills..... 283
of whitewood for making chests..... 223
Boathooks, rowlocks and knee pins..... 228
Boats or launches or sloops, of iron or steel..... 313
or launches or sloops, of wood..... 313
Bogies of steel for railways..... 229
Boilers of iron..... 233
or broilers..... 236
for generating steam..... 303
for steam and accessories for cranes.. 306
Boldo leaves..... 324
Bolsters..... 264
pillows and cushions.....257, 264, 267
Bolts and bars of bronze and copper.... 245
Bone dust..... 200
Books, blank, superior, general..... 285
special for copying presses..... 285
printed..... 285
with covers of tortoiseshell or ivory.. 285
Boots, top..... 204
and shoes..... 268
and leggins..... 268
Borax..... 320
Bores or gimlets for carpenters..... 306
Bottles, various..... 247
of glass..... 247
with china covers..... 247
of clay or earthenware..... 247
for cruet stands..... 249
liquors..... 247
Bottles..... 329
Boxes, various, for all purposes..... 283
for toilet powder.....219, 247, 283
in common metal for toilet powder.... 241
for cash..... 229
for jewelry or plate..... 220
for tea, cigars, or cloaks, etc..... 219
Chinese..... 219
musical..... 300
celluloid..... 217
Braces..... 277
or suspenders or garters.....263, 271
Brackets..... 218
for curtains..... 218
of bronze..... 245

Brakes for railroads..... 233
Brament, linen stuffs, printed stuffs..... 264
Braziers or caldrons 229
Bricks of cork and asphalt 215
for tiling, pavements and flooring decoration 249
for smelting furnaces..... 249
Bricks 329
Bridges and implements..... 237
Bridles and bits..... 233
Brocades, gold, silver and tissue..... 273
Brooches, metal..... 241
gilt and plated..... 241
Brooms for ships..... 216
various 216
whisk or vegetable fibre..... 217
Brooms 327
Bronze articles..... 240
articles, nickel plated..... 240
hinges 240
gilt or plated..... 240
bars or ingots..... 241
copper in powder..... 241
sheet or plates..... 241
perforated sheets for machinery..... 241
sheets for furring..... 241
old 243
stoves 226
knobs 245
Brushes 205
shaving 205
tooth and nail..... 205
hair and clothes..... 205
shoe 205
various uses..... 205
tooth 216
cloth and hair and table..... 216
artisans 306
drawing and painting..... 306
BUDGET FOR PUBLIC WORKS..... 172
BUDGET FOR PUBLIC WORKS PROPOSED..... 172
Buckets, troughs, tubs 218
galvanized or tinned..... 228
Buckles of all classes..... 243
of iron for saddles..... 233
nickel plated..... 233
for waist belts, hats, nickel plated..... 233
clothes 233
gilt, or plated, or leather covered..... 243
Buffers for railroads..... 238
Bunting for flags..... 270
Burners for gas or parafin..... 245
Butter 200, 320
Buttons 247, 273, 283
woven or covered.....264, 267
covered 268
for collars 247
of porcelain..... 247
of metal..... 241
of gilt, and plated..... 241
for clothing 219
for electric bells 219
for collars and shirts..... 229
for footwear and clothing, etc..... 229
Byrrh 289

C

CANCHALAGUA 71
CATTLE COMPANIES..... 44
CATTLE RAISING..... 44
Cable guards..... 233
Cacao 289
in nuts..... 209
in milk, peptonized..... 211
Cacao, ground or powder, called cocoa.. 211
Cages for birds, of wire..... 243
for birds, of bronze or copper..... 243
Calcium 296
carbide 279
carbonate 296
Calderons 241
Cambric for strainers or other purposes. 273
Campeche extract..... 214
Camphor 295
Canary seed..... 208
Canary seed..... 323
Canchalagua 332
Candles of sperm, parafin or composition 280
of sperm or mixture, gilt or decorated. 280
of wax..... 280
gilt or decorated..... 280
Candles 322
Candlesticks 236
Candelabra or candlesticks..... 242
for electric lights..... 247
Canes 219
metal mounted..... 219
Guayaquil (Camboo)..... 219
Cans for oil..... 239
Canvas for ships..... 261
bags for travelling..... 255
prepared for oil painting..... 256
artisans 308
ferret lace for embroidery....285, 265, 269
for sail cloth.....255, 261, 265
Capes for travelling..... 258
raglans, hoods, waterproofs, sewn.... 258
Caps or bonnets..... 270
of metal, for bottles..... 242
assorted 260, 265
woolen 267
travelling or jockey.....270, 275
babies' 275
knitted, for babies..... 260
Capsules, powder, pills, wafers..... 293
Caramel 213
Carbines 314
Cardboard articles..... 283
common 283
etc., for covers..... 283
with adhesive, for other purposes..... 284
and pasteboard for labels..... 284
Cards 288
for visiting, postal or congratulation.. 288
paper or pasteboard..... 283
playing, packs..... 283
Carmine 281
Carob beans..... 323
fruit 323
Carpets or rugs..... 253
for floors..... 267
for church..... 267
vicuna 263
Cartridges 315
Cars, portable..... 313
portable, for railroads..... 313
electric 313

Carts 313
for children 313
Carvers, with iron, bone or wooden handles 238
with ivory handles and monograms ... 238
Cases or etuis, empty, for jewelry 274
for cigars, bronze or copper 242
and boxes for jewels, of silk 284
spectacle 206, 284
cigar and jewelry 206
of straw, for bottles 217
for medicine 219
for mouthpieces and eyeglasses 220
of whitewood, for printing and type ... 219
for kitchen 232
for cigars, in bronze or copper 288
for the kitchen, enamelled 232
for depositories for kitchen 232
for writing and for cards, locked books, of oilcloth 258
Cash registers 301
Casing for hats 268
Cassimeres 268
with silk 268
Casters, tin 226
for furniture 237, 245
of glass, for pianos 246
for beds 219
Catalogues 333
Catheters, bougies and sounds 299
Cattle tails 320
Caviar 199
Celluloid articles 215, 217
stamps, transparent 217, 284
boxes, empty 217
collars and cuffs 218
hats 218
Cement, roman 247
Cereals 324
CHILIAN CAVACTER 28
CHINCHILLA 77
Chains for lamps and fastenings, swings, etc. 229
iron, nickel plated 229
for ploughs and carts 229
for watches 229, 231
for watches, gilt or plated 229
Chairs, sofas, settees, with wooden seats. 222
with rush, pasteboard or shag seats 222
upholstered in leather or imitation 222
Chalk, common 247
for tailors 249
for billiards 251
for schools 251
whole or ground 251
chloride 296
Chalk 331
Champagne 289
Charcoal 279
Charcoal of pine 333
Chagrin 202
imitation 202
Cheese 200, 320
Chemical products 297
sundry 298
Chemises for women and girls 273
Cheques, bills of exchange and bank deposit notes 284
Chestnuts 208
Chica 331
Chick peas 324
Chicory coffee, ground 324
Chile pepper 323
in husk 323
Children's carts 314
China 250
Chocolate, pure 212
confected 212
paste or powder 212
Chocolate 326
Chuchoca 326
Chungungo skin 321
Cigarettes 223
holders 215
Cigars 223
Cinnamon, whole 209
Cinematograph and magic lanterns 300
Clamps for wire fencing 227
for chimneys 230
for ranges 230
for ladders, staircases, bedsteads .. 230, 242
for ladders, hairs, bedsteads, etc. 242
for artisans' benches 313
Clasps for papers 241
Clay articles 246
pipes 247
vessels for electric batteries 301
Clay 329
COBALT 165
COLONIZATION AND EMIGRATION 81
COLLAHUAVI MINE 123
COMMERCIAL 178
COMMERCIAL OUTLOOK 42
COMMERCIAL CENTRE 52
CONSULAR TAXES 189
CONTRACT BETWEEN THE CHILEAN AND THE FRENCH CREOSOTE COMPANY 54
COAL INDUSTRY 155
COAL PRODUCTION IN CHILE 154
COPPER INDUSTRY IN CHILE 95
COST OF PUBLIC INSTRUCTION 55
COINS, EXPORT OF 332
COUNCIL OF STATE 22
COURTS OF APPEAL 23
COURTS OF CASSATION 23
COURT CODE OF CHILE 25
Clocks 302
Cloth for curtains and tapestry 274
of hemp and jute, for interlining 254
for kitchen cloths 266
and felt for carpets 270
and flannel for table covers 270
for billiard tables 270
satinet or castor 270
table cloth and rugs 268, 273
cuttings for hats and caps 262
prepared for oil painting 263
for sails 257, 264
for interlining 265
and canvas for other purposes 265
white, for clothing 266
or canvas, prepared for oil painting 266
for clothing, mixed silk 269
for clothing lining 269
for blankets 270
for curtains and tapestry 254, 260, 270
waxed, for shades 260

Cloth, unbleached..... 260
with silk, for tapestry and curtains.... 260
white, plain or twilled..... 260
tricot point..... 260
for bookbinders 260
for rugs or blankets..... 260
for clothes or linings..... 260
for dress or lining, mixed silk..... 260
woven, for towels..... 260
labels 260
for kitchens 260, 262, 265
Clothing, cut, not sewn.....266, 271
of tricot point..... 271
white, for women and girls..... 276
Cloves, whole..... 209
ground 209
Coal 279, 329, 332
Coats, in oilskin or tarpaulin..... 258
Cobalt ores..... 330
Coca bran..... 323
Cocoanut, ground..... 209
Cocoanuts 324
Cocoa, prepared..... 199
in husk..... 209
in nibs or raw cocoa..... 209
butter 293
Coffee 209
ground 209
mills 221
Coffins 228
Cognac 289
Coins 225
Coke 329
Collars, of lace, for ladies..... 274
Collars for dogs..... 206
for horses..... 206
and cuffs.....262, 266
of cotton lace..... 259
Colors and inks.....278, 280, 282
in tubes, for oil painting..... 281
small cakes (ordinary)..... 281
small cakes (superior)..... 281
whole or in powder..... 281
Combs to fasten the hair..... 218
Combs 222
horn or bone..... 217
hair 217
Compasses, binnacle and for mathematics 300
for pocket..... 303
Composition liquid for clarifying liquors. 316
Conserves, assorted..... 320
Copies for writing, teaching, drawing.... 285
Copper articles..... 240
gilt and plated..... 240
in powder..... 241
old 243
in sheets for furring..... 245
minerals 246
ordinary 296
sulphate, pure and impure..... 298
Copper bars..... 329
axles 329
and gold axles..... 329
ores 329
and gold ores..... 329
and silver ores..... 330
and gold ores..... 330
Copra 213
Corks, in strips or chunks..... 213
ground or chopped..... 213
cylindrical 213
in rings or discs, for stoppers..... 213
in strips, for mats..... 213
tablets and rings..... 216
with pieces of gilt metal..... 216
in strips, for hats..... 216
Crokscrews 238
Corned beef..... 319
Cornices 229
Cornice poles 229
Cornucopias 229
Corsets and corset bodices.....265, 274
and corset covers..... 259
Costumes and clothing..... 272
for women and girls.....272, 277
Cotton, cambric.....258, 265, 277
white, for women and girls..... 277
raw, with seeds..... 256
raw, without seeds..... 256
or palm seed..... 210
mantillas 261
Cots, iron..... 230
with or without brass..... 230
and cradles of bronze..... 242
Cotton in the rough..... 332
Court plaster..... 294
Coverlets or blankets for travelling..... 268
Covers for dishes..... 237
for horses. 268
for tables..... 258
for tables, cloths, rugs, etc..... 258
for tablecloths and mats..... 258
and capes for horses.....258, 268
Cows 199, 319
Cowhide 321
Crackers, with or without bonbons..... 284
Cramps, wedges, jambs..... 234
Cranes and jacks..... 307
Crape, English..... 274
Cravats, with or without mixture, with inside mounting..... 273
without mounting..... 274
without mixture or mounting..... 274
various 258
Crayons for drawing..... 216
Cream of tartar..... 333
Crockery, common..... 248
clay 248
Crosses or medals..... 243
Crosspieces for telegraph poles..... 220
Cruet and cruet stands.....218, 226
Cruet stands, portable..... 239
gilt, plated..... 239
nickel plated or not..... 239
Custom House Tariff..... 192
Curry powder. 210
Cummin 209
Cummin seed..... 324
Curtains and shades.....254, 265, 268, 274
embroidery 268
Cushions, bolsters and pillows..... 272
Cuttings, embroidered.....262, 266, 271, 276
with silk thread..... 271
embroidered with silk..... 271, 276

D

Daggers 315

Damask 264
Decalcomanias 283
Degras 202
Demijohns 248
Deviations 232
Dextrine 215
DIEGO PORTALES 15
DIEGO DE LA NACHE 71
DIFFICULTIES BETWEEN CHILE AND ARGENTINE 18
DIRECTORY ..... 336—489
Diamond drills 313
Diamonds for glaziers or engravers 307
Die stocks 313
Distillers and filters 248
Divers' suits 318
Douches, zinc 232
tin 232
iron 232
Draperies, mourning, for hats 270, 275
Drawers, socks, shirts 257, 267
for bathing 257
Drawings, for instruction 284
other classes, for machinery 284
Dress preservers 263, 276
for women and girls 264, 267
Drills for mines 303
and augers for boring rock 303
and wimbles, various 306
Drugs 293
assorted 293
Ducks 264
Dynamite 315

E

Easels for painting 219
EDUCATIONAL CONDITIONS IN CHILE 55
Effects for fire brigades 316
ELECTORAL POWER 24
Elastic, for belts 259
for footwear 259, 269
for cloth 259
for bands and belts 274
stockings for invalids 261
Electric machines and instruments 301
hand lamps 250
ventilators 302
traction apparatus and tools 305
lamps 244, 307
crane jibs 312
Embroidery upon cloth 257
Embroideries 267, 273
with silk 268
Emery paper 248
whole 248
powder 248
Enamel or tinsel 244
Engines, etc., and their parts 303
for tugboats 303
Engravings, etc 284
Envelopes 288
Epaulettes, metal 242
Essences and extracts, medicinal 293
ETHNOGRAPHICAL CONDITIONS OF THE RACE ..... 11—15
Ether 296
chemical, pure 296
Explosives 314, 315
firearms 315
Explosives, mines 315
Exotic plants and their seeds 210
EXISTANCE 42
EXPORT AND IMPORT OF SMALL QUANTITIES AT WHOLESALE 178
EXPORT OF ALIMENTARY 326
EXPORT OF ALIMENTARY PRODUCTS 319
EXPORT OF ANIMALS, LIVE 319
EXPORT OF BEVERAGE 331
EXPORT OF COIN 332
EXPORT OF FRUIT, GRAIN AND HERBS 323
EXPORT OF INDUSTRIAL PRODUCTS ..... 320—327
EXPORT OF MINERALS 329
EXPORT OF SUNDRIES 332
EXPORT OF VEGETABLE PRODUCTS 323
Eyelets, metal or celluloid, for footwear. 318

F

Fans of all sorts 316
Fats, animal 322
FELDSPATH 170
Feathers, swan and others 203
millinery 206
ostrich 207
as wings of birds 207
barnyard fowl for trimming 207
for dusters 207
fine, for toilet 207
Felt, for boilers 217
for aprons 269
or thin cloth for clothing or tables 269
for ink rollers or machinery 269
piano hammers 269
with silk or clothing 269
Fernet 290
FINE ARTS 34
Fibre, manila jute, Siam esparto grass 253
Figs 324
Filament 267
or thread 267
Files or rasps for artisans 308
Filings 235
Filters, various 259, 269
for water 243
for breweries 307
Firewood, split 328
Fish, dried 320
Fish, preserved 199
dried 200, 320
bone dust 202
Fishing tackle, hemp or jute 255
Fixtures for wire fencing 227
for bell wires 228
FLAX 69
Flannel 259, 269
Flasks, fine crystal 249
pocket 249
Flax, raw 333
Flooring, parquet or mosaic 222
Flour, of oats, rye, chestnut, for infants and invalids 212
wheat 212
Flour (Harinilla) 326
wheat 327
maize 327
Flowers and plants 274
and plants, artificial 259, 274, 284
Flutings, plaiting, ruffs 258

Flutings, mixed with silk..... 258
Fowls 78
Fodder (grass)..... 325
Food products.....198, 199
Footboards, carved or not..... 220
Foot warmers..... 206
Footwear, assorted..... 322
Forges, portable, for blacksmiths..... 307
Forks 231
Fruit trees..... 68
Fruit, grain and herbs, export..... 323
Frames 221
Frames and stands for table decoration. 221
of bronze and copper..... 244
of copper..... 244
Frangollo (prepared food)..... 326
Freezers, of beaten iron..... 233
Fringes 259, 269
Fruit, fresh.....209, 324
juices 288
dried 210, 324
others 210, 324
preserved 212, 324
Fruits, conserved..... 326
Fruits, grain, vegetables, herbs.....208, 224
Frying pans of cast iron..... 237
Fuels 278, 282
Furnaces and utensils for testing and refining 300
Furniture, common wood..... 221
fine wood..... 221
inlaid, nacre and gilt..... 221
carved, lacquered..... 221
of iron (washstands)..... 235
of iron (sofas, chairs)..... 235
Furs for trimming..... 203
for wearing apparel..... 203
Fuses for mines..... 315
Fuxina and imitation..... 203

G

Gallinaceous 78
Garza 78
Game 78
Game bags, netted..... 266
Games, various..... 317
Garments, knitted tricot point..... 263
white 271
Garnet scales..... 300
Garters, suspenders, braces..... 275
Gasolene 280
Gasometers and accessories, for gas companies 307
Gauze tulle net for curtains..... 260
Gelatine 202
Geographical globes and plans, terrestrial and celestial..... 317
Gimlets and bores for carpenters..... 306
Gin 290
Old Tom..... 290
Girders, beams, etc., for construction.... 239
Girths or surcingles.....254, 268
Glass, common..... 248
superior 248
for oil cruets..... 246
for lamp globes..... 249
vessels for electric batteries..... 252
broken 252
ground 252
Glass, planed, with or without..... 252
with beveled edge..... 252
plain, without bevel..... 252
planed 252
graduated 248
Glasses, concave..... 252
graduated 299
lenses, with sterling metal..... 299
spectacles and monocles..... 299
marine 299
opera 299
not specified..... 299
for sulphuring vines..... 304
Globes, toy..... 217
Gloves, fur lined..... 206
ordinary 260, 270
for boxing and fencing..... 206
for rubbing..... 254
lined 275
fur, unlined.....206, 275
lined, fur..... 206
Glue, common.....201, 320
for preserving liquors..... 201
Glue 320
Glucose, solid or liquid..... 214
Gold 144
Gold industry..... 145
Gold producing regions..... 146
Gold placers..... 151
Goat skins..... 201
Goats 198
Gold jewelry and trinkets..... 224
and silver, platinum, amalgam..... 224
twist, fringe, thread or embroidery.... 224
and silver leaf books..... 224
dental, laminated..... 225
useless pieces..... 225
plated passementerie..... 225
writing pens..... 225
chloride 297
Gold ores..... 330
and silver ores..... 330
in bars 330
and silver in bars..... 330
in dust and leaves..... 330
and copper (ingots)..... 330
dust 330
precipitate 330
and copper precipitate..... 330
stamped 332
Golden yellow..... 280
Graphite or plumbago..... 167
Gramaphone and phonograph..... 300
Granite stone..... 251
Graphite, or black lead..... 251
Grape juice..... 331
Gratings for machines, furnaces..... 236
Grease cans for railway wheels..... 233
Grenades and apparatus for extinguishing fires..... 316
Grinding stones, for mills..... 305
mounted 312
Grip sacks and bags..... 263
Groats 327
Guanaco 77
Guano 164
Guayacol .....
Guitars .....

Gum lac 214
mastic 214
tragacanth 214
liquid 217
Guns 314
Gunpowder, for sporting purposes 315
for mines 315
Gutters, cornices, receivers 229
of lead 229
of bronze or copper 229
Gymnasium apparatus 316

H

Hair, animal 320
oils and brilliantines 291
coarse 201
goods 205
sieves 205
textiles 206
brushes, coarse 206
caps for men 206
paste and dyes 291
Hair, horse 320
animal 320, 322
Half hose undershirts, in imitation Scotch or Persian linen 257
for men and boys 267, 272
Hammers, for artisans 312
drop, steam 312
Hammocks, of hemp and jute 254
Hams 200, 320
Handkerchiefs 262, 266, 270
with initials 262
embroidered or lace 262
with silk fringe, striped or lined 270
scarves 276
Handles for trunks, gates or doors 227
nickel plated 227
for furniture or locks 238
for pens 244
lead or bronze 240
bronze or copper 246
for tools 221
for brooms 221
for feather dusters, pens, etc 221
Harness 203
mountings 203
Harrows 304
Hatchets, with or without handles 307
Hat frames 272
shapes or forms for women and girls 277
Hats, ordinary 263
of hair, for men and boys 207
of hair, for women and girls 207
of common rush and palm 255
of agave 256
of agave, for women and girls 256
for men and boys 263, 271, 277
of straw, for men 256
for women and girls 263, 271, 277
Hay seed 210
Hazel nuts 208
Hemp 69
Heaters or stoves for baths 226, 229
or stoves, of iron 226
Heels for footwear 223
leather or silk covered 223
Hemp, yarn 253
and in the rough 253
Hemp, in tresses or fibre 253
yarn for binding 253
ropes 254
sackcloth for flooring 254
and jute 253, 277
Hemp, fibre 333
thread 333
thread or cord 333
Herbs for compounding cordials 215
History of Chile ..... 11—20—29
Hides, other classes 200
cows' 200
buffalo, dressed 200
for tapestries 202
for bookbinders 202
Hinges 228
iron or nickel plated 228
bronze 241
House of Representatives 22
Hoes 304
Hoisting machines 303
Holders for cigars or cigarettes 215
Honey 320
palm 327
Hoofs, animal 322
Hooks and eyes 229
of iron 233
nickel plated 318
of metal, for footwear 318
for fishing 290
Hops 214
Horn and bone 200, 320
articles 204
buttons 204
combs 207
Horns of cattle 320
Horses 319, 198
Horseshoes 234, 333
Horse hair goods 204, 320
hide 320
hair brushes 204
hair, loose or braided 204
hair whips 317
brushes 215
Hose, embroidered or openwork 276
for invalids 276
for fire brigades 255, 261, 265
for men, women and children 266, 270
Hour glasses 246
House, rope line, not tarred 255
rope line, tarred 255
Huanco quilts 322
Huckaback and damask 257, 264

I

Industries in Santiago 336
Indian corn ..... 66—67
Industrial products, exports ..... 320—327
Independence of Chile 14
Information for importers 180
Investments 46
Implements, professional 300
and their supplies, for mining 300
Incubators 308
Indian corn 327
Indicators and manometers 300
Indigo 281
Industrial composition and pastes 316
Industrials 198, 200

Industrials, manufactures.....298, 314
oils, fuels, etc.....278, 282
Inhalers and insufflators..... 300
Inks for printing and lithographers..... 282
for writing or copying..... 282
for marking or stamping..... 282
Ink, China, in paste..... 282
China, liquid..... 282
red, for writing..... 282
Insect collections..... 333
Instruments, string..... 300
for drawing and mathematics..... 300
scientific 300
and tools for musical instruments..... 301
marine, and apparata..... 299
Insulators for telephone or telegraph... 299
for electric light..... 246
Iodine 167, 298, 331
IRON 168
Iron and steel.....224, 225, 252, 297
or steel letters or numbers..... 226
knockers, nickel plated..... 226, 236
articles not specified..... 227
articles, nickel plated, not specified.... 227
articles, gilt plated..... 227
black, corrugated, not painted, tinned or galvanized..... 234
business and commercial signs..... 228
in ingots..... 234
in sheets, painted, tinned or galvanized 234
smooth, painted, tinned or galvanized.. 234
unwrought, in bars..... 234
paraffine lamps..... 234
lamps for electric or gas light..... 234
liquor cases..... 232
lanterns 235
oxide, with soil for purifying gas..... 250
sulphate or copperas..... 295
cyanide 296
and steel mills..... 303
Iron ores..... 330
Ivory goods..... 204

J

JASPER 171
Jambs or wedges..... 235
Jelly, powdered..... 213
Jewelry, imitation..... 243
Jewels and trinkets set with brilliants, rubies, pearls, etc..... 224
JOURNALISM 31
Jora 327
JUDICIAL POWER..... 23
Jute fibre or other vegetable yarn..... 253
cloth or hemp for interlining..... 254

K

Kerchiefs, scarfs, shawls.....262, 276
Kerchiefs, woolen..... 322
Kettles, cast iron..... 236
enamelled 236
iron, for tea..... 238
enamelled, for tea..... 238
various 245
Keys, for locks.....230, 235
and locks, of bronze..... 242
for barrels and casks..... 220
Keys, for barrels..... 244
for water pipes..... 244
Kidderminster carpets, with or without vegetable mixture.....254, 269
various 254
Kitchen cloths..... 266
Knife sharpeners..... 306
cleaners or stone or Bristol brick..... 249
Knitted goods.....257, 267, 272
Knives for kitchen use..... 231
and forks..... 231
and forks, with ivory handles..... 231
plated 231
fruit and board..... 236
for pruning and grafting..... 305
large and small, for artisans..... 306
Knockers, for doors..... 239
for doors, iron or nickel plated..... 239
for doors, of bronze..... 245
Knockers 245
Kuemall 289

L

LAPIS LAZULI..... 171
LAWS FOR PROTECTION OF TRADEMARKS.... 191
Labels, of cloth..... 259
for prices..... 284
placards, vignettes..... 284
Laces and blonde laces.....259, 265, 269, 274
Ladders 220
Lamp brackets..... 250
shades 250
chimneys, of mica..... 252
Lamps, electric.....244, 250
for gas..... 244
and utensils, paraffine..... 244
for paraffine, bronze or gilt..... 244
Chinese 284
small, for mining..... 303
Lanterns for vehicles, nickel plated or plain 243
or coffee pots, spirit lamps and others not specified..... 226
Chinese 284
Lard 200, 320
hogs' 200
Latches 226
and staples..... 226
Lathes, for plants..... 220
Lawn, etc., for lining..... 261
Laundry boards..... 312
LEAD 166
LEGISLATION 21
LENTILS .....66—67
Leather, sole..... 322
Leeches 294
Lead 297
deep sea 300
sheets, plates or bars..... 245
and pewter articles..... 240
and pewter articles, gilt or plated.... 240
Leather goods.....203, 204
hand bags..... 204
files 308
cases for cigars and cards..... 206
belts for women and children.....205, 273

Leather, straps..... 206
cases for china..... 206
hat boxes..... 206
necessaries..... 206
pocketbooks..... 207
hat blocks..... 207
belting, with or without metal or cloth, for machinery..... 216
patent..... 202
Leaves for florists..... 261
flowers, bark, medicinal..... 293
Lemonade..... 331
Lentils..... 324
Letters.....239, 282
Letter files..... 205
LIMESTONE..... 169
LINQUE..... 171
LITERATURE..... 28
LITERATURE, POLITE..... 29
Linseed..... 325
Life preservers, with or without cloth.. 218
saving apparatus..... 306
Line or rope for houses..... 255
Liniments..... 293
Linen stuffs, Bramant and Osnaburg.... 257
Linen for bed, etc.....263, 266
thread in spools, for sewing and darning..... 264
thread in balls, for sewing and darning. 264
thread for sewing sails, etc., and for packing..... 272
thread for working embroidery or marking.....264, 272
Linen.....253, 263, 277
articles..... 264
Brittany, cambrics..... 264
stuffs..... 257
Lining for hats..... 275
and trimmings for hats..... 275
Linseed..... 210
Liqueurs..... 290
Loach, lithia and its salts..... 297
Lobsters..... 200
Locomotion.....298, 313, 314
Locomotives and their tenders..... 314
Locks and padlocks.....230, 242
and keys of bronze..... 242
and keys..... 230
Logwood..... 215
LUCERNE PRESSED..... 67
LUMBER..... 73

M

MALLICO..... 71
MANGANESE..... 158
MANGANESE INDUSTRY..... 158
MARBLES..... 170
Machines for mowing..... 305
and their parts..... 305
for cutting hair..... 308
for sewing..... 308
and their parts, and tools, for electric lighting..... 308
industrial, etc., and their parts..... 308
and accessories for elaborating nitre... 308
for wool combing..... 308
for making butter..... 308
and their appliances, for sewing leather 309
Machines for bottling..... 309
for winding..... 310
and accessories for carriage building.. 310
for making cigarettes..... 310
for bakeries..... 310
for chocolate making..... 310
for manufacturing dotted textures..... 310
for engraving or perforating..... 310
for elaborating iron..... 310
for pleating or gathering..... 310
for manufacturing bricks and tiles.... 310
called Grampa Punzon..... 310
for copying or ruling..... 310
and appliances for breweries..... 311
for manufacturing candles..... 311
for cutting glass..... 311
for bookbinding..... 311
for emulsifying..... 311
for cutting paper..... 311
for confecting..... 311
and accessories for hosiery..... 311
for paving..... 311
for rope making..... 311
for planing and polishing..... 311
for artesian wells..... 311
for manufacturing vermicelli..... 311
for elaborating wood..... 311
for buttonholes..... 311
for cutting and stamping tin cases for packing..... 311
for manufacture of sugar wafers..... 311
and tools for forges and foundries.... 311
and tools for extracting tannin..... 311
and their parts for laundries..... 311
for sawing..... 310
Machinery, instruments.....298, 314
for mills..... 308
for dairies..... 308
for churning butter..... 308
for making preserves..... 309
for making matches..... 309
for sweeping..... 309
for shearing sheep..... 309
for lifting weights..... 309
for dockyards..... 309
for soldering wire..... 309
for separating cream..... 308
for sifting..... 308
for manufacturing biscuits..... 309
for mixing cement..... 309
for crushing bones..... 309
for shoemaking..... 309
and parts, various..... 312
hydraulic, and parts, etc..... 312
for hats..... 309
for bottling..... 309
for manufacturing ice..... 309
for manufacturing dried beef..... 309
for elevators or lifts..... 309
for riveting and upsetting bolts..... 309
for galvanizing iron..... 310
for manufacturing gaseous water..... 310
for potteries..... 310
for cutting iron..... 310
Maize.....210, 325
Magic lanterns and cinematographs..... 300
Magnesia..... 297
and its salts..... 294
Malta roots..... 325

Malt 211
Malt coffee, ground..... 209
Manganese 297, 329
Manikins 221
Manila fibre..... 253
Mantillas 276
Mantles 276
Manufactures 215, 257, 267
Manufactured products.....213, 224
of animal origin..... 203
articles 198
Manure, artificial..... 332
Marble, in blocks or slabs..... 250
polish, in blocks or slabs..... 250
manufactured 250
for fonts, fireplaces, etc..... 250
stone and composition..... 316
mortars 246
Marjoram, wild..... 325
Matches, wooden..... 279
wax 280
paper and wooden, with Bengal lights. 280
Matches 333
Maté or Paraguay tea..... 210
Masks 261, 276, 285
for fencing..... 235
of wire for face guards..... 235
Material, white, for clothing.....263, 271
Mats 215
and sleeping mats..... 254
plaited straw jute dish mats..... 215
Mattocks 305
Mattresses 258, 265
spring 231
MEDICINALES 71
MENDICAJO SADIVA..... 67
METRIC WEIGHT AND MEASURES..... 187
Measures, for water..... 235
for electric light..... 235
all classes..... 312
Meat extract..... 200
Meats, salted..... 199
preserved 199
Medicine chests, homœopathic..... 292
Medicinal leaves..... 333
herbs 334
Medicinal solution in water..... 294
Meerschaum mouthpieces..... 247
imitation 247
pipes 251
Merchandise, various..... 317
Mercury and its preparations..... 297
Metal decorations..... 239
passementerie 245
for coffins..... 239
hooks for footwear 233
hooks for footwear gilt or plated.... 239
twisted gilt or plated..... 241
various 224, 252
objects for ships.....224, 244
Methylene for denaturing alcohols..... 297
Metronomes 301
MINES IN CHILE..... 93
MINES PRODUCING STATEMENT THEREOF.... 102
MINERALS, EXPORT..... 329
Milk, preserved..... 199
Mills for coffee..... 221
for coffee, American..... 235
Mills, for coffee, common..... 235
for wheat 235
various 305
Mineral products..... 252
waters, natural..... 288
Mineral products..... 334
Mining 298, 314
implements and their supplies..... 303
lamps, small..... 303
Mirrors framed in wood or cardboard or papier maché. 248
framed in zinc, tin, beaten lead or iron 248
framed in bronze or copper, with handles 248
exceeding 0.50m. 248
plate, exceeding 0.80 cent. m.....248, 250
MOLYBDENIUM..... 166
Models, designs for instruction..... 307
various 307
Molasses 212
Monuments of granite..... 317
Moose and buckskin..... 201
Morocco 202
shoe shapes..... 207
Mortars 246
Moss for florists..... 214
Mother of pearl goods..... 204
buttons 204
Motors 312
Mould 318
for smelting..... 251
Mouldings, gilt plated and varnished... 221
of all kinds..... 221
zinc, for edifices..... 244
Mowers 304
MUSIC 35
Mules 198, 319
Mushrooms 209
Music, printed..... 285
perforated 244, 285
Musical string instruments..... 301
wind instruments, ... 301
various 285, 301
boxes 300
Muskets 314
Mustard, prepared..... 212
in powder..... 212
Mustard 325

N

NATIONAL CONSERVATORY OF CLASSICS.... 35
NATIONAL MERCANTILE MARINE..... 58
NATIONAL PRODUCTS, EXPORT OF..... 319
NAVY .....38—57
Nail scissors..... 238
Nails, wire..... 230
not exceeding 25 mills..... 230
wire, and tacks, for footwear..... 230
iron, for footwear, less than 15 mill... 230
iron and steel, with heads in other metals 230
special, for rails..... 230
for horseshoes..... 231
iron and steel, over 25 mill..... 230
and tacks in composition for footwear. 242
bronze and copper, for ships..... 242
zinc 243

Naphtha 280
Naval machinery 311
Needles for sewing 305
for machinery 306
for knitting 306
Nets for fishing 255
Netting, wire or iron 237, 238
coarse mesh, for chicken runs 237
wire, fine mesh, for sieves, etc 238
NITRATE 41
NITRATE OF SODA 86, 330
NITRATE SUPPLY 90
NICKEL 168
Nickel 297
in sheets and plates 244
Nitrate of potash 297
of silver 297
Notes, policies, bills 316
Notices 283
Numbers ..... —
Nuts, bronze or copper 246
hazel and chestnut 208
Nuts 325

O

Oak beams 328
Oars 222
Oats 208
rolled 212
Oats in grain 323
OBJECT OF PUBLICATION 6
Oil, fine, and vegetable 278
cloth for flooring 254
cans and lubricators 239
whale, loach or sperm 278, 320
linseed 278
petroleum, impure 278
turpentine 278, 292
almond 292
cod liver 292
Oils, pure or not (not specified) 278
medical 291
lubricating, concrete and mineral fat .. 278
for manufacturing soap 278
Oil, whale 320
sperm 320
various 326
Olive oil 211
Olives, preserved 211
Onions 209
Openwork fabrics 260
ORATORICAL ART 31
ORIGIN OF THE CHILEAN NATION ..... 11—15
Organs with blowers 302
Ornaments for sweets 215
Osnaburgs 261
Ostrich pelt 321
Overcoats, for travelling 268, 277
Oxen 199
Oxfords, shoes 262

P

PAICO 71
PART I ..... 11—59
PART II ..... 60—171
PART III ..... 178—337
PART IV ..... 337—End
Packing, special, for machinery 216
for sulphuric acid 232
for hemp 254
Paint, prepared with oil (common) 281
enamel 281
copper, for ships 281
Paintings, oil 333
Palettes, for painters 221
Paper and cardboard shades for lamps .. 282
bags for packing 283
for filters 285
fly 285
for sheathing 285
brown, for wrapping 286
white and colored, for wrapping 286
seccative 286
for fishing apparatus 286
for telegraphic impressions 286
for bindings 286
for florists 286
for labels and others purposes 286
without glue for printing or stamping. 286
ruled or not, for writing 286
ruled for music and accounts 286
with monograms 286
toilet 286
for drawing and plans 286
for photograph and oil printing 287
for copying 287
transparent, for decorating glass 287
for tracing 287
tissue, for florists 287
for copying presses 287
printed in stripes, for games 287
bags for wrapping, gilt or silver 287
cigarettes 287
wall, painted, without glaze 287
wall, varnished, polished or bronzed ... 287
wall, silvered or gilded by heat 287
cellulose, for match boxes 287
for lamp shades 287
collars and cuffs 287
slippings for hats 287
serviettes 288
book covers 288
and cardboard 283
and cardboard 282
Papier maché goods 283
gilt or silvered 283
Paraffine, in paste 280
petroleum, gasolene, naphtha 280
Parasols, of inferior mixture 276
without lace or embroidery 276
with lace or embroidery 276
with ivory, nacre, tortoiseshell handles. 276
Parchment paper for wrapping butter .. 286
Paste and industrial composition 316
Pasteboard cut for confectioners 283
Paste for cleaning metal goods 318
Pastilles, paste, medicinal 293
Passementerie, with wool and silk linings 255, 262, 266, 271, 276
of hemp 255
PEAS ..... 66—67
PEDAGOGY 33
PELTRY 76
Peanuts 210
Pearl barley 209
Pearls 225

Peas 208
Pencils, artisan..... 250
slate, cased in wood..... 250
slate 250
Pencils, various..... 250
Pens for writing..... 236
Penholders 217
Penknives 231
Pepper, whole or ground..... 210
red, ground (Chile)..... 208
red, whole..... 208
Pepper, whole..... 325
Peppermint 90
Perforators, for mining (drills)..... 303
Perfumery, drugs and chemical products 291, 298
Petroleum, raw..... 280
PHILOLOGY OR GRAMMAR..... 32
Phonograph and gramaphone..... 300
cylinders 300
Phosphorous, red, amorphous and ingots 296
Photographs 284
cameras and utensils..... 301
cameras 301
PICHE 71
Pianolas and electric pianos..... 302
Pianos, horizontal..... 302
upright 302
Picks, iron and steel..... 303, 305
Picks 305
Pictures, painted..... 316
framed 316
Pieces, and tools for musical instruments. 302
for pianos and other musical instruments 302
Pigskin and chamois..... 201
Pillows and cushions..... 272
bolsters, cushions..... 264
stuffed with feathers..... 264
Pills, powders, capsules and wafers, etc. 292
Pine kernals or pistachios..... 210
wood for construction, planed..... 220
oil or vegetable fat..... 214
Pincers and tongs..... 312
Pins, common metal 226, 239
hair pins, gilt or plated..... 226
gilt or plated..... 239
hair, of wire..... 217, 234
Piolila 334
Pipes, iron galvanized..... 230
for chimney ranges..... 230
stair cases, ladders, bedsteads..... 230
of bronze and copper..... 242
of lead..... 242
of meerschaum in cases..... 251
various 251
for machinery..... 252
and reeds for organs..... 222
tubes, elbows..... 230
Pique, dimity..... 262
Pisco 290, 331
Pistols 315
PLASTER 169
Planes 306
Plants, live..... 333
Plaster, dental, pure..... 252
common, impure..... 252
Plaster, medicinal cloth or rubber..... 293
Plate, old bullion..... 225
photographic 252
Platinum, and its salts..... 297
in sheet..... 225
wrought 225
Ploughs and their parts..... 304
and their parts, iron or steel..... 305
Plush for ship's covers..... 217
vegetable, without wool..... 217
with wood..... 217
or shag..... 256, 264
velvet 263, 271
for hats..... 274
POTATOES 67
Poles, forked iron or steel..... 304
for curtains, with or without rings.... 244
and rods for vehicles..... 220
Polygraphs 302
Pomades and ointments..... 293
Porcelain 251
Portraits 334
Postal card apparatus for arranging.... 226
Potash, salts..... 294, 297
bicromate 295
chlorate 296
cyanid 296
caustic, purified..... 297
nitrate 297
Potato starch..... 211
Potatoes 210, 325
sweet 209
Posts for electric traction..... 236
Pots, enamelled..... 249
for flowers..... 249
PREFACE ..... 5—9
PRESIDENTIAL ELECTION..... 21
PRESIDENT PRIETO..... 16
PRESIDENT MANUEL BULNES..... 16
PRESIDENT MANUEL MONTT..... 16
PRESIDENT JOSE JOAQUIN PERES..... 17
PRESIDENT ERRAZURIZ ZANARTU..... 17
PRESIDENT ANIBAL PINTO 17
PRESIDENT DOMINGO SANTA MARIA..... 18
PRESIDENR JOSE MANUEL BALMACEDA.... 18
PRESIDENT ERRAZURIZ ECHAURREN..... 18
PRESIDENT GERMAN RIESCO..... 19
PRESIDENT PEDRO MONTT..... 19
Powders for cleaning metal objects.... 251
Preserved beef..... 319
Preserves 211
Presses for copying..... 236
domestic 236
for pastures..... 305
lithographic or stereographin..... 312
Printing and lithographing machines.... 301
Provisions, assorted..... 213
Provisions 334
PUBLIC INSTRUCTION..... 37
Prussian blue..... 281
for laundry use..... 281
or ultramarine 281
Pulleys and tackle..... 231
for windows..... 237
Pulp for manufacturing paper..... 318
Pumps for racking wire, bronze or copper 304
iron or steel, for racking wire..... 304
iron or steel, for wells..... 304

Pumps, small, for garden..... 304
injectors, with boiler accessories..... 306
for barrels or casks..... 306
air or steam battering rams..... 303
Pumice stone..... 250
in blocks..... 249
Purses and cornucopias, various..... 273
Putty for glaziers..... 250

Q

Quillay..... 71
Quicksilver or liquid mercury..... 240
Quill toothpicks..... 206
Quillay extract..... 333
Quilts.....257, 267, 272
stuffed with cotton..... 273
stuffed with feathers..... 273
bedspreads, Eiderdowns.....258, 268, 273

R

Racks for clothes, of iron..... 236
for clothes, of iron, nickel plated..... 236
Railroad cars for freight..... 313
cars, passengers..... 313
Rails for railroads..... 237
Raisins..... 325
Rakes..... 305
Rams, steam battering, for mines..... 303
Ranges and stoves..... 232
of bronze..... 232
Rapiers..... 314
Rattan in the rough..... 214
for furniture..... 214
wicker, straw or vegetable fibre..... 215
Razors..... 236
superior, with ivory handles..... 236
nacre handles..... 236
Reapers..... 304
Refrigerators..... 222
Religious objects..... 316
Rennet, liquid.....201, 320
powdered.....201, 320
Rennet..... 320
Reservoirs..... 232
iron, for water..... 232
Revolvers..... 315
Ribbons, various..... 273
transparent texture..... 273
for typewriters..... 300
Rice..... 208
Rims for pipes..... 233
Rings..... 239
Rings, iron..... 226
iron, nickel plated..... 227
chain, key, bronzed or nickel plated.. 227
chain, key, gilt or plated..... 227
Rivets or scuppers..... 231
Rockets, sky..... 315
Rollers and castors for furniture..... 222
Rope or house line, tarred or not..... 255
Rosin..... 215
Rowels for spurs..... 237
Rubber, senegal..... 214
Rubber, in strips, for machinery..... 214
in strips, containing cloth..... 214
pillows and cushions..... 215
comforters, for babies..... 215
gutta-percha articles..... 215
buttons..... 215
hose..... 216
for drawing or writing..... 217
tobacco pouches..... 218
Rubbers..... 216
Rugs..... 203
coats, shawls for travelling..... 270
Rulers, of wood..... 222
Rum..... 290
Rye..... 324

S

Salt, common..... 163
Sacks, various..... 255
of osnaburgh or coarse sheeting..... 263
for metals, various..... 255
Sackcloth for packing..... 253
for sacks..... 253
of hemp, for floorings..... 253
Saddle frames or trees..... 218
Saddlery..... 204
Saddles or horse frames..... 207
or horse covers..... 254
Sago and tapioca..... 213
Sail cloth for ships..... 265
drill, or other stuffs for costumes..... 264
Salmon, preserved..... 200
Salt, refined or ground..... 318
common, in block or grain..... 318
Salt..... 334
Sand..... 332
Sandals, children..... 207
Sandarach..... 214
Sandstone..... 249
Sardines, preserved..... 200
Sashes and bands..... 274
Satchels, for collegiates.....216, 257
for school children.....204, 254
various..... 254
Satinet..... 270
Sauces, various..... 213
Sauces..... 327
Saucepan, cast iron..... 236
enamelled..... 236
Saws..... 312
hand saws..... 312
Scales, apothecary..... 299
for chemical purposes..... 299
small for weighing gold..... 299
garnet..... 300
Scarfs or shawls..... 270
Scissors..... 313
Scuppers for nails..... 238
Screws or bolts, with or without nuts.. 238
various..... 238
special, or bolts for railroads..... 238
iron, nickel plated..... 238
iron, with or without nuts..... 238
bronze or copper..... 246
Seats and spokes of vehicles..... 328
Seed, canary..... 208

Seed, hay..... 325
ballico 325
hemp 325
mustard 325
turnip 325
clover 325
pea 325
ginger 325
various 325
Seeds 208
medicinal 294
Shades 230
Shags or plush.....264, 272
Shawls, blanket rugs, for travelling..... 261
Shears 305
Sheep.....198, 199, 310
skins 201
Sheep 319
dyes 334
Sheets, towels, of cloth..... 263
for the bath..... 257
for florists..... 285
Shellfish, preserved..... 319
Shellfish 319
Sherry 290
Shirting, ruffs, pleatings, etc..... 274
Shirts 265
flannel 258
for men. 258, 265
under 273
Shirtings 258
Shoe uppers..... 205
Shoes for girls..... 205
for boys..... 205
for men 205
for women..... 205
canvas 207
and slippers..... 207
for horses..... 234
Shoulder knots 274
Shovels and spades..... 305
SILVER INDUSTRY..... 140
SILVER MINES IN CHILE..... 140
Sicative powder for painters..... 281
Sieves 303
Sifting machines. 308
Signs for business and commercial..... 228
Silicate, whole or in powder..... 298
Silk 253, 272, 277
Silver jewelry and trinkets..... 224
thread, straps..... 224
wrought 224
Silver, in ingots..... 330
sulphide 330
Sindetikon 213
Serviettes 261, 266
rings 218
Skeletons 333
Skins, goat. 201, 321
sheep, dressed.....201, 320
moose, buck.....201, 321
pig, chamois, calf, kid imitations..... 201
kid for gloves..... 201
various 321
calf 201
chinchilla 321
Skin, buck..... 321
vulture 321
Skin, cow..... 321
horse 321
goat 321
chinchilla 321
sheep 321
chungango 321
cat 321
guanaco 321
wolf 321
ewe 321
cattle 321
vicuna 321
fox 321
various 321
SLATE 170
Slates for roofing..... 251
for billiard tables..... 251
for writing tables..... 251
for schools..... 251
Sledge hammers..... 303
Sleepers, couplings and small plates.... 232
Slippers, men and women..... 207
Snuff 223
Soap, soft..... 202
common 202
powder 202
scouring 202
medicinal 293
carbolic, sulphur tar..... 293
Soap, common..... 322
Socks 265
Soda, ashes..... 296
cyanid 296
crystallized 296
hyposulphate 297
and its salts..... 298
Soda, caustic, pure and impure..... 298
sulphate, impure..... 298
drops or solution, medicinal..... 298
Solder 245
Soles for footwear..... 218
Sommiers 328
Spades and shovels..... 305
Spatulas, with wooden or bone handles.. 232
Species, unspecified..... 209
Specifics, various..... 293
Spectacle cases.....206, 284
Sperm 202, 321
Spermacetti 321
Spirituous liquor in bottle..... 289
Sponge, common..... 202
fine 202
Spoons and ladles, wooden.....220, 243
and ladles, metal..... 231
Sporting games..... 317
Springs 227
Springs, steel for beds..... 232
for carts..... 237
furniture 237
doors 237
cars, locomotive..... 237
Spurs 232, 243
plated 232
nickel plated..... 232
Squares for artisans..... 307
STATISTICS OF INDUSTRIES OF THE DEPARTMENT OF SANTIAGO..... 336
Stamps, transparent.....217, 284

Stands for bottles..... 233
of white wood for liquors..... 219
Starch 213, 327
Statues and figures, effigies, busts...233, 249
and figures of bronze, copper, lead and zinc..... 243
and figures in plaster..... 249
and figures, and busts in papier maché. 284
and figures in clay, terra cotta, or imitations 249
Staves, unworked..... 220
Stearine, night lights..... 280
Stearine 202
Steel and iron picks.....303, 305
Steel, perforated sheets, for machinery.. 225
and iron mills..... 303
and whalebone..... 225
and whalebone, silk covered..... 226
unwrought, in bars..... 234
liquor cans..... 235
Sterling metal.....224, 252
Sticks for sunshades..... 219
for umbrellas..... 219
Stirrups, with and without springs..... 233
Stockings, elastic, for invalids..... 261
Stones, precious, diamonds, rubies and emeralds 225
precious, sapphire..... 225
precious, amethyst, opal, topaze and garnets 225
Stone statues..... 317
and earthenware.....224, 246, 252
Stoppers for firearms..... 288
Stoves, portable..... 231
cooking 234
bronze 242
with small bronze parts..... 242
or heaters, nickel plated..... 239
for kitchens..... 234
and heaters..... 239
Straps, leather..... 206
Straw, plaited or jute, dish amts..... 215
plaiting 255
shavings, in braids for hats..... 255
Strontia 296
Strops 206
for ornaments and costumes..... 274
with or without embroidery or decoration 274
transparent, with beads..... 275
diaphanous 275
for costumes or ornaments, mixtures or not..... 275
Stuffs for curtains, tapestry, with or without false metal threads..... 278
not specified..... 275
embroidered 275
mixtures, not specified..... 275
rough, coarse 275
SUNDRIES, EXPORTS..... 332
Sumach for tanning..... 215
Sugar, refined..... 211
white 211
granulated 211
unrefined 211
lump 211
Sugar, refined..... 326
Suits for men and boys..264, 267, 271, 272, 277
Suits, for drivers..... 318
Sulphur bellows..... 304
Sulphur 292, 295
Sundries 310
Surgical, mathematical and scientific instruments 301
Suspenders 277
braces, garters..... 277
Suspensories 277
Swabs, or Turk's heads, mops..... 216
for carpenters..... 307
Swan and similar skins..... 208
Swansdown for lining..... 262
or cotton tissue..... 270
Sweaters 270
Sweets, confected 212
Sweets, in syrup..... 326
confected 326
Switches 229
Swords, foils, cutlasses..... 314
Syrups 288
medicinal 293
Syrups 331
Syringes for hypodermic injections..... 301
Scythes and mowers..... 304

T

TARIFF OF COMMISSIONS..... 186
TARIFF OF BROKERAGE..... 186
TARIFF OF CONSIGNATIONS..... 186
Tables, traverse for railroads..... 218
Table cloths, serviettes.....261, 266
covers or cloths.....254, 265
Tackle, etc..... 333
Tacks, bronze or copper..... 245
bronze, gilt or plated..... 246
and nails..... 237
Tails of cattle..... 320
Talc for soap manufacture..... 251
superior 251
Tallow 203
Tamarinds 294
Tapers for night lamps..... 280
Tapes of hemp or jute..... 254
or abdominal belts..... 268
various 259
Taps for barrels..... 235
for water pipes..... 235
Tar, vegetable.....213, 292
solid, prepared for ship's use..... 213
or mineral pitch..... 246
Tarpaulin or white accoutrement..... 255
or oil silk..... 259
Tartar 334
Tea 310
Teeth, artificial..... 316
Telegraphic apparatus..... 299
Telephone and apparata..... 302
Tendons, animal..... 322
Tents and awnings.....256, 263, 267
Textile articles for chemists..... 292
manufactures 277
various 253
Thermometer 302
for bath..... 302
Thimbles, iron, steel..... 307

Thrashing machines..... 305
Thread or filament..... 256
for weaving, embroidery or marking.264, 272
for sewing or darning.....264, 272
in spools, for sewing, darning, etc.... 264
Tickings, ducks, shirtings, printed cotton. 258
striped, etc..... 265
Tiles, glazed..... 247
glazed, for kitchens..... 249
Tin, chloride..... 296
articles 227
nickel plated..... 227
articles, for domestic use..... 227
business and commercial signs..... 228
openers 231
common, plate..... 234
plate, stamped, painted or varnished.. 234
parafin lamps..... 234
lanterns 235
in bars, sheets, or plates..... 243
laminated for bottles..... 243
Tires for vehicles..... 235
Tissue, bronze or copper..... 246
Tobaccos 223, 224, 328
Tobacco, cut..... 223
leaf 223
Toilet waters, vinegars and salts..... 291
scented, bags and sachets..... 291
cream and pomade for the face..... 291
dentirices 291
extracts and essences..... 291
soaps 291
face powder..... 292
Tools, etc., for telegraph and telephone.. 302
for gardening 304
assorted 304
and necessaries for water companies.. 318
for bricklayers 307
for carpenters and coopers..... 307
for blacksmiths and tinsmiths..... 307
various 307
Toothpicks 220
Tortoiseshell hair and clothes brushes.. 205
brushes, various..... 205
various 204
Tow for ships..... 214
Towels, sheet and cloth..... 263
and clothes for personal use..... 266
and clothes, embroidered or monograms 266
Toy globes..... 217
Toys, tin, wrought iron..... 317
wood and papier maché..... 317
for children..... 317
Trays 218
japanned 228
gilt and nickel plated..... 240
metal, nickel plated..... 240
or tubes for use in mines..... 303
Tricote point..... 269
Trimmings and linings for hats....261, 275
for hats 275
Tripe, salted..... 322
Troughs 303
Trowels 305
Truffles 209
Trunks and valises.....219, 322
and valises, beaten iron..... 228
Trunks and handbags..... 204
Trusses 292
for invalids..... 292
Typewriters 301
and their ribbons..... 300
Tubes 242
galvanized and soldered..... 230
of lead..... 242
of bronze and copper..... 242
pipes, etc., galvanized and soldered.... 230
Tubs and trays for use in mines..... 303
Turpentine, rectified..... 292

U

Ulmo 71
Umbrellas and parasols..... 276
and sunshades 270
with ivory handles, nacre, or tortoiseshell 276
Urinals, closets and their parts..... 231
Undershirts, drawers, shirts..... 273

V

Vanadum 166
Valves for machines, water pipes..... 238
and pieces for engines..... 303
Vanilla 210
Varnishes and blacking.....278, 282
copal and for vehicles and furnishers, in bottles and tins..... 278
for vehicles and furnishers, in flasks.. 279
for photography 279
or preparations for the inside of barrels 279
common, for boats..... 279
enamel 279
black, for iron..... 279
Vaseline, white or yellow..... 294
Vegetable products 323
Vetches .....66—67
Vegetables, preserved..... 212
Vegetable products..... 224
matter articles, for chemists..... 292
and garden stuff, not specified..... 210
Vegetables, fresh..... 324
conserved 326
Vegetable products..... 334
Vehicles, various..... 314
Veils, various..... 277
Velvet and plush.....263, 266, 271
and plush trimmings, costumes, etc.... 277
Veneering for furnishers or furniture.. 219
Ventilators, electric..... 302
Vermicelli 212
Vermicelli 326
Vermillion, common..... 281
superior 281
Vermouth 289, 290
Vessels, empty..... 328
Vicuna 77
Vineyards 70
Vicia fabas..... 324
Vicuna skin..... 321
Vinegar, common..... 288
concentrated 288
Vinegar 332

Vulture skin..... 321

W

Wares, various..... 333
Water, mineral..... 331
Wafers 217
Watches, gold..... 225
silver 225
in common metal..... 245
of metal, plated..... 245
with gold or gilt covers..... 245
Waterproof clothes..... 271
clothing, sewn..... 271
clothing, unsewn..... 271
cloth 263, 271
stuff with rubber..... 277
Waters, mineral or natural..... 288
syrups, juices, etc..... 291
Wax, common.....200, 320
mineral 247
vegetable 213
for sealing bottles or packing..... 217
for sealing letters 217
for shoemakers 201
goods 206
flowers 206
Wax 320
Weights and scales..... 299
Whalebone 200, 320
Wheat 64, 210, 326
bran 323
Wheelbarrows or pushcarts..... 313
for workmen..... 313
Wheel hubs..... 221
Wheels for vehicles..... 222
for hand mills 237
for railroad coaches and carts..... 237
Wheelspokes, unworked..... 222
Whetstones 312
Whips 317
Whiskey 291
White metal articles..... 240
metal articles, gilt or plated..... 240
metal, in sheets or plates..... 244
silver or zinc, in powders..... 281
silver, in cones..... 281
Wicker furniture..... 327
Wicks for lamps and stoves, etc..... 261
sulphured 261
for incandescent light..... 261
various 262
Winches for mechanics..... 313
Window shades 256
Wines, red and white..... 290
port 290
sherry 290
champagne 289
quinine 290
medicinal 294
Wine sediment..... 331
white 331
red 332
Wire, covered, for milliners or electricity 226
flat, round or square, barbed or plain.. 226
articles 227-240
cables and tackle..... 229
articles, gilt and plated..... 240
Wire thread..... 243
of bronze, copper and lead..... 239
plated and blanched..... 239
for milliners and florists..... 239
bird cages 234
Wolf skin..... 321
Wood, ash, poplar, planed..... 220
unplaned 220
pine, unplaned..... 221
for pegs 221
for cabinetmakers, unworked..... 221
cedar, unworked 221
white and ebony racks..... 222
drawers for furniture..... 223
shavings in braids for hats..... 253
white liquor stands..... 219
Wood, palm..... 328
for construction 328
for furniture 328
for rush seats..... 328
Woods 224
Wooden articles..... 218
folding dish mats, with cloth..... 218
hats 223
presses 312
Wooden articles..... 328
unmounted vehicles..... 328
chocos 328
beds 328
Wool 253, 267, 277
washed 267
Wool, common..... 322
merino 322
cassimere 333
handkerchiefs 334
Wrappers 286
Wreaths, funeral.....216-243
crosses and other funeral ornaments.. 248
crosses and funeral decorations of artificial flowers 258
Wrenches 241
of iron or steel for artisans..... 308

Y

Yarn from jute or other vegetable fibre. 253
in balls or hanks, etc., for sewing or darning 256
for making embroidery or marking.... 256
or thread for sewing sacks, sails or packing 256
in spools..... 256
spun with common metal for weaving. 256
for sewing or darning..... 267
for weaving and embroidery..... 267
Yeast or leaven..... 214
Yeast 327

Z

Zinc 171
Zinc articles..... 240
in sheets, plates or bars..... 242
various 296
moulding for edifices..... 244
Zinc 296

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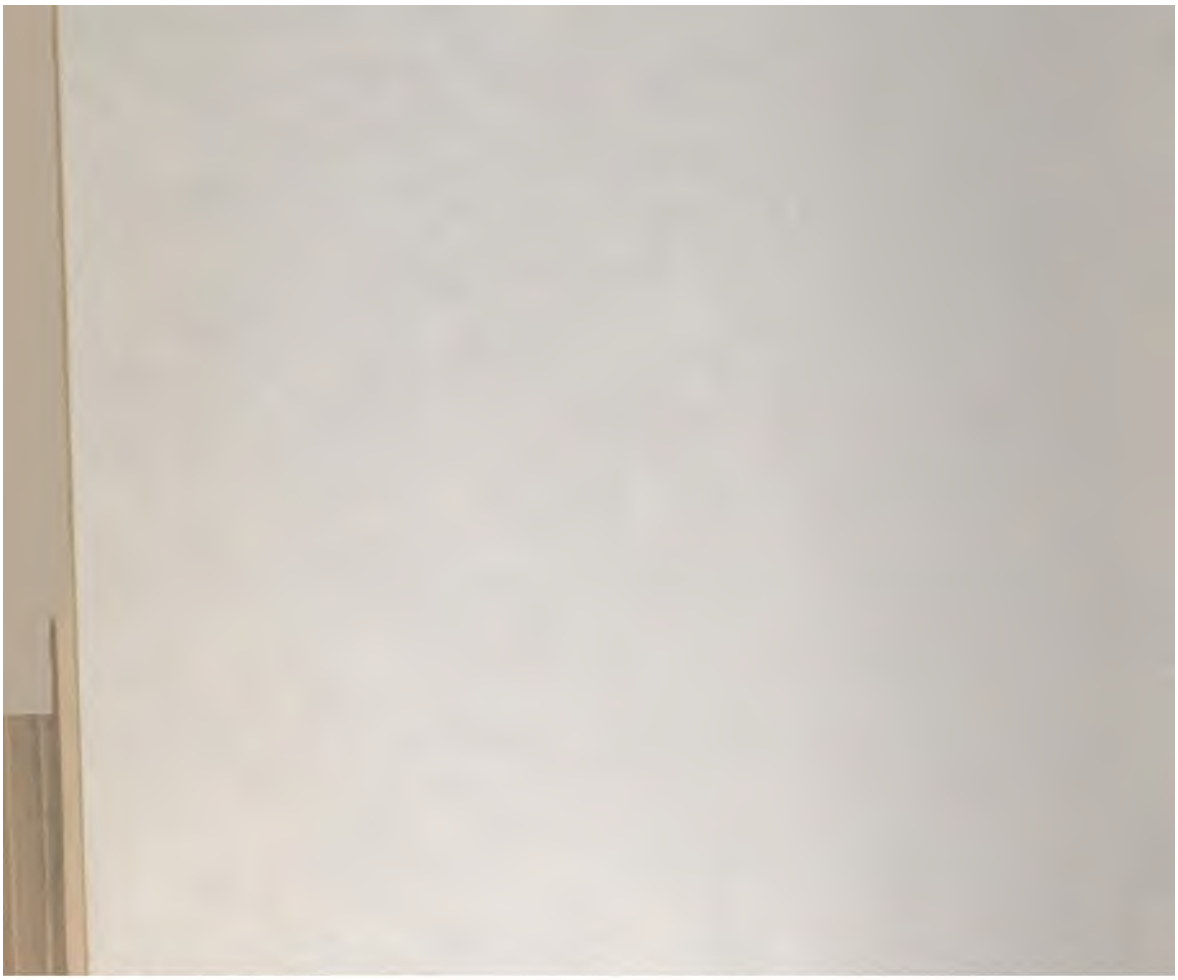

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